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PyImageSearch Gurus Course

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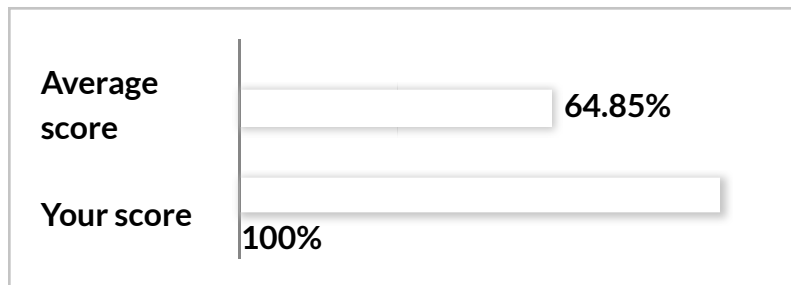
# Rotation Quiz

## Results

3 of 3 questions answered correctly

Your time: 04:07:22

You have reached 3 of 3 points, (100%)



Click Here to Continue ([https://gurus.pyimagesearch.com/topic/rotation/?quiz\\_type=lesson&quiz\\_redirect=1&lesson\\_id=726&quiz\\_id=1625](https://gurus.pyimagesearch.com/topic/rotation/?quiz_type=lesson&quiz_redirect=1&lesson_id=726&quiz_id=1625))

Restart quiz

View questions

## 1. Question

Download the following image: <http://pyimg.co/kwy7l> (<http://pyimg.co/kwy7l>).



x=335 and y=254?

- ☐ R=61, G=93, B=95 (OpenCV 2.4) and R=61, G=93, B=95 (OpenCV 3.3)
- ☒ **R=95, G=93, B=61 (OpenCV 2.4) and R=95, G=93, B=61 (OpenCV 3.3)**
- ☐ R=162, G=129, B=87 (OpenCV 2.4) and R=95, G=129, B=61 (OpenCV 3.3)
- ☐ R=88, G=129, B=162 (OpenCV 2.4) and R=88, G=129, B=162 (OpenCV 3.3)

Correct

## 2. Question

Now rotate the image 110 degrees *counter-clockwise*. What is the value of the pixel located at x=312, y=136?

- ☐ R=165, G=94, B=36 (OpenCV 2.4) R=148, G=131, B=128 (OpenCV 3.3+)
- ☐ R=39, G=111, B=166 (OpenCV 2.4) R=39, G=111, B=166 (OpenCV 3.3+)
- ☐ R=148, G=141, B=180 (OpenCV 2.4) R=158, G=131, B=190 (OpenCV 3.3+)
- ☒ **R=180, G=141, B=148 (OpenCV 2.4) R=170, G=131, B=128 (OpenCV 3.3+)**

Correct

## 3. Question

Change the call to `cv2.getRotationMatrix2D` to rotate the image 88 degrees counter-clockwise about coordinate (50, 50). What is the value of the pixel located at point (10, 10)?

- ☒ **R=28, G=81, B=67 (OpenCV 2.4) R=28, G=81, B=67 (OpenCV 3.3)**
- ☐ R=67, G=81, B=28 (OpenCV 2.4) R=67, G=81, B=28 (OpenCV 3.3)
- ☐ R=37, G=38, B=32 (OpenCV 2.4) R=22, G=35, B=34 (OpenCV 3.3)



Correct

## Course Progress

### Ready to continue the course?

Click the button below to **continue your journey to computer vision guru**.

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## Resources & Links

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- [PyImageSearch Virtual Machine \(https://gurus.pyimagesearch.com/pyimagesearch-virtual-machine/\)](https://gurus.pyimagesearch.com/pyimagesearch-virtual-machine/)
- [Setting up your own Python + OpenCV environment \(https://gurus.pyimagesearch.com/setting-up-your-python-opencv-development-environment/\)](https://gurus.pyimagesearch.com/setting-up-your-python-opencv-development-environment/)
- [Course Syllabus & Content Release Schedule \(https://gurus.pyimagesearch.com/course-syllabus-content-release-schedule/\)](https://gurus.pyimagesearch.com/course-syllabus-content-release-schedule/)
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- [Your Achievements \(https://gurus.pyimagesearch.com/achievements/\)](https://gurus.pyimagesearch.com/achievements/)
- [Official OpenCV documentation \(http://docs.opencv.org/index.html\)](http://docs.opencv.org/index.html)

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Feedback

