Resistor color code

In this example the resistance code is red-red-black, which is 22 * multiplier=1. Yellow is an unusual tolerance color; most resistors have a gold fourth band meaning 5% accuracy

Other examples: brown-black-orange is 10 * 1000 = 10K.   orange-orange-gold is 33 * 0.1 = 3.3 ohms

RESISTOR COLOR CODE

COLOR	1ST BAND	2ND BAND		MULTIPLIER	TOLERANCE	
BLACK	0	0		1		
BROWN	1	1		10	± 1%	
RED	2	2		100	± 2%	
ORANGE	3	3		1K		
YELLOW	4	4		10K		
GREEN	5	5		100K	± 0.5%	
BLUE	6	6		1M	± 0.25%	
VIOLET	7	7		10M	± 0.10%	
GREY	8	8			± 0.05%	
WHITE	9	9				
GOLD				0.1	± 5%	
SILVER				0.01	± 10%	
PLAIN					± 20%	