YamlOutputParser

```python
import pytest

import re

from pydantic import BaseModel

from agentparse import YamlOutputParser


# Define a sample Pydantic model for testing
class MyModel(BaseModel):

    name: str

    age: int


# Test the initialization of YamlOutputParser
def test_yaml_output_parser_initialization():

    parser = YamlOutputParser(MyModel)

    assert parser.pydantic_object == MyModel

    assert isinstance(parser.pattern, re.Pattern)


# Test parsing without YAML code block
def test_parse_without_yaml_code_block():

    parser = YamlOutputParser(MyModel)

    text = "name: John\nage: 42"

    model = parser.parse(text)
```

```python
    assert model.name == "John"

    assert model.age == 42


# Test parsing with no matching pattern

def test_parse_no_match_pattern():

    parser = YamlOutputParser(MyModel)

    text = "This is some random text without YAML."


    with pytest.raises(Exception) as exc_info:

        parser.parse(text)


    assert "Failed to parse MyModel" in str(exc_info.value)


# Test get_format_instructions method

def test_get_format_instructions():

    parser = YamlOutputParser(MyModel)

    instructions = parser.get_format_instructions()

    assert "YAML Formatting Instructions:" in instructions

    assert '"name": {"type": "string"}' in instructions

    assert '"age": {"type": "integer"}' in instructions
```