

# Converting Colors

XYZ(43.0848, 26.2497, 19.0791)

Have a look what the booklet for  
XYZ(43.0848, 26.2497, 19.0791)  
contains.

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# Color

**XYZ(42.9991, 26.1774,  
19.0061)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F35173
RGB	243, 81, 115
RGB Percent	95%, 32%, 45%
CMY	0.0471, 0.6823, 0.5490
CMYK	0.00, 0.67, 0.53, 0.05
HSL	347°, 87%, 64%
HSV	347°, 67%, 95%
XYZ	42.9991, 26.1774, 19.0061
YIQ	133.3140, 85.6380, 44.9180

# Conversions

## Conversions Part 2

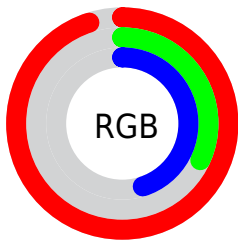
Format	Color
R <sub>Y</sub> B	243, 81, 115
Decimal	15946099
CIE Lab	58.21, 63.98, 16.17
CIE LCh	58, 65.995, 14.179
Yxy	26.1774, 0.4876, 0.2969
Android (android.graphics.Color)	4294136179 (0xFFFF35173)
YUV	133.3140, -9.0288, 96.1946
Hunter-Lab	51.1639, 60.4781, 13.7899

# Details

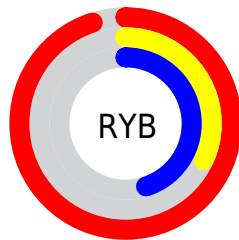
The XYZ color **42.9991, 26.1774, 19.0061** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **46.9545, 70.4546, 71.4522**, and the grayscale version is **22.4202, 23.5878, 25.6872**.

A 20% lighter version of the original color is **57.4477, 42.5153, 41.7377**, and **20.0692, 10.2290, 6.2268** is the 20% darker color. If you saturate the color by 10%, you get **40.5130, 22.7932, 13.2822**, and if you desaturate by 10%, it is **46.3624, 30.9480, 26.1581**.

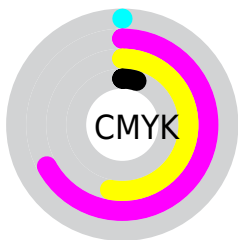
# Distribution



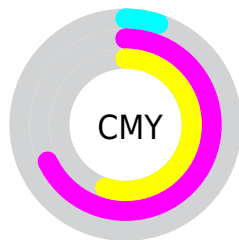
- Red (95%)
- Green (32%)
- Blue (45%)



- Red (95%)
- Yellow (32%)
- Blue (45%)



- Cyan (0%)
- Magenta (67%)
- Yellow (53%)
- Black (5%)




- Cyan (5%)
- Magenta (68%)
- Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9991, 26.1774, 19.0061 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 42.9991, 26.1774, 19.0061 by changing the saturation by 10% instead.





 42.9991, 26.1774,  
19.0061


 42.9991, 26.1774,  
19.0061


349.5296,  
283.6518, 258.9063


 30.0789, 16.9564,  
11.4978


 78.9652, 53.5610,  
42.5812


 20.0469, 10.2034,  
6.2844


 102.7419, 72.4924,  
59.4852

 12.5376, 5.5340,  
2.9472


 130.8681, 95.4294,  
80.3581

 7.1857, 2.5639,  
1.0677

 163.7092,  
122.7563, 105.6186

 3.6259, 0.9085,  
0.0000

201.6305,  
154.8576, 135.6851

 1.4927, 0.0000,  
0.0000

244.9975,

 0.3209, 0.0000,

192.1177, 170.9762

0.0000

294.1754,  
234.9210, 211.9104

■ 0.0000, 0.0000,  
0.0000

■ 42.9991, 26.1774,  
19.0061

■ 42.9991, 26.1774,  
19.0061

■ 40.5130, 22.7932,  
13.2822

■ 46.3624, 30.9480,  
26.1581

■ 38.8150, 20.6401,  
8.8852

■ 50.6760, 37.2297,  
34.8269


■ 37.7985, 19.5301,  
5.7005


■ 56.0074, 45.1381,  
45.0952


■ 37.5593, 19.2935,  
4.8750

■ 62.4171, 54.7764,  
57.0392

■ 69.9611, 66.2391,  
70.7302

 78.6913, 79.6139,  
86.2352

 88.6563, 94.9830,  
103.6178

 90.7720, 97.7946,  
108.6998

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.8348, 26.1774, 42.2984



42.9991, 26.1774, 19.0061



37.6411, 26.1774, 7.4899

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.9991, 26.1774, 19.0061



15.6171, 26.1774, 7.1292



20.9137, 26.1774, 95.4849

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42.9991, 26.1774, 19.0061



46.9545, 70.4546, 71.4522

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.3894, 26.1774, 71.6158



42.9991, 26.1774, 19.0061



12.8100, 26.1774, 18.0894

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42.9991, 26.1774, 19.0061



21.2957, 26.1774, 3.5603



12.7368, 26.1774, 40.7297



28.8473, 26.1774, 96.2192



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42.9991, 26.1774, 19.0061



32.2099, 26.1774, 4.3810



12.7368, 26.1774, 40.7297



18.7575, 26.1774, 89.4961

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42.9998, 26.1789, 19.0065



75.0602, 69.3367, 73.5161



45.1057, 25.7532, 87.3872



15.5568, 14.0672, 14.8118



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.9998, 26.1789, 19.0065



44.4355, 24.4323, 12.9178



46.0250, 34.8037, 12.0787



16.6414, 16.5394, 17.8580



20.6534, 10.6048, 2.8830



1.8512, 0.9464, 0.4429



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42.9998, 26.1789, 19.0065



44.4355, 24.4323, 12.9178



39.5614, 48.2000, 92.0121



16.6414, 16.5394, 17.8580



20.6534, 10.6048, 2.8830



1.8512, 0.9464, 0.4429



# Previews

## White Background



This preview shows how the XYZ color 42.9991, 26.1774, 19.0061 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

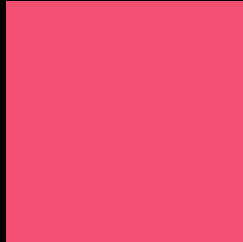
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 42.9991, 26.1774, 19.0061 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

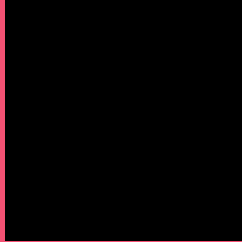
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 42.9991, 26.1774, 19.0061

## Background



This preview shows how black text looks on a background with the XYZ color 42.9991, 26.1774, 19.0061.



This preview shows how white text looks on a background with the XYZ color 42.9991, 26.1774,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

42.9991, 26.1774, 19.0061

### Protanopia

25.4734, 26.4632, 30.5534

### Deuteranopia

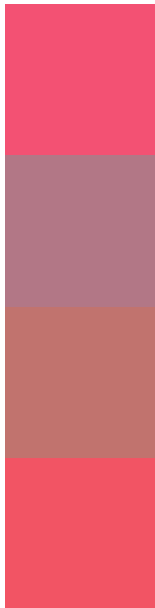
26.8349, 26.3888, 17.5891



## Tritanopia

41.8341, 26.2882, 12.7668

# Trichromacy



## Original Color

42.9991, 26.1774, 19.0061

## Protanomaly

29.2600, 24.3799, 25.7179

## Deuteranomaly

30.9375, 24.7247, 17.8936

## Tritanomaly

42.0885, 26.1380, 14.8834

# Monochromacy



## Original Color

42.9991, 26.1774, 19.0061

## Achromatopsia

22.2940, 23.4551, 25.5426

## Achromatomaly

27.0168, 22.4252, 22.6432

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 42.9991, 26.1774, 19.0061 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(243, 81, 115)` looks like.

```
.text, #text, p{  
    color:rgb(243, 81, 115)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(243, 81, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 81, 115) }
```

## Border

The CSS property to change the border of an element to XYZ 42.9991, 26.1774, 19.0061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 81, 115) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(243, 81, 115) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(243, 81, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 81, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 81, 115);  
box-shadow:4px 4px 4px 4px rgb(243, 81,  
115) }
```

# Background

The CSS property to change the background color of an element to XYZ 42.9991, 26.1774, 19.0061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 81, 115) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(243, 81,  
115) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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