

Converting Colors

XYZ(45.2390, 31.0755, 20.1368)

Have a look what the booklet for
XYZ(45.2390, 31.0755, 20.1368)
contains.

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Color

**XYZ(45.2390, 31.0755,
20.1368)**

Conversions

Conversions Part 1

Format	Color
Hex	F26D74
RGB	242, 109, 116
RGB Percent	95%, 43%, 45%
CMY	0.0510, 0.5725, 0.5451
CMYK	0.00, 0.55, 0.52, 0.05
HSL	357°, 84%, 69%
HSV	357°, 55%, 95%
XYZ	45.2390, 31.0755, 20.1368
YIQ	149.5650, 77.0210, 30.3730

Conversions

Conversions Part 2

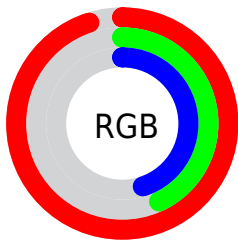
Format	Color
R _Y B	242, 109, 116
Decimal	15887732
CIE Lab	62.57, 51.72, 21.52
CIE LCh	63, 56.016, 22.592
Yxy	31.0755, 0.4690, 0.3222
Android (android.graphics.Color)	4294077812 (0xFFFF26D74)
YUV	149.5650, -16.5475, 81.0655
Hunter-Lab	55.7454, 47.3034, 17.6046

Details

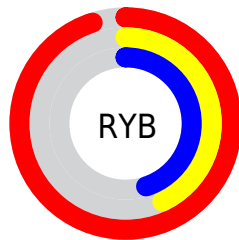
The XYZ color **45.2390, 31.0755, 20.1368** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **53.0561, 72.7543, 89.8492**, and the grayscale version is **28.8513, 30.3538, 33.0553**.

A 20% lighter version of the original color is **61.5833, 50.6381, 43.5741**, and **21.4186, 12.8794, 6.8259** is the 20% darker color. If you saturate the color by 10%, you get **41.8303, 26.1356, 13.2129**, and if you desaturate by 10%, it is **49.6888, 37.5713, 29.0317**.

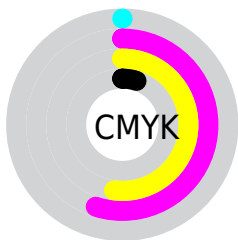
Distribution



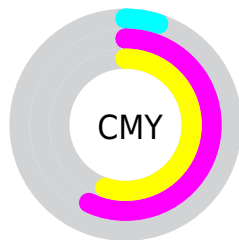
- Red (95%)
- Green (43%)
- Blue (45%)



- Red (95%)
- Yellow (43%)
- Blue (45%)



- Cyan (0%)
- Magenta (55%)
- Yellow (52%)
- Black (5%)



- Cyan (5%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.2390, 31.0755, 20.1368 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 45.2390, 31.0755, 20.1368 by changing the saturation by 10% instead.

45.2390, 31.0755,
20.1368

45.2390, 31.0755,
20.1368

358.5081,
306.8860, 265.2834

31.8478, 20.6563,
12.3095

82.3138, 61.3589,
44.5084

21.4003, 12.8730,
6.8297

106.7281, 81.9920,
61.8897

13.5310, 7.3412,
3.2790

135.5475,
106.7985, 83.2928

7.8747, 3.6764,
1.2388

169.1373,
136.1627, 109.1362

4.0660, 1.4942,
0.0108

207.8629,
170.4693, 139.8384

1.7396, 0.2847,
0.0000

252.0897,

0.4808, 0.0000,

210.1024, 175.8180

0.0000

302.1830,
255.4465, 217.4935

■ 0.0000, 0.0000,
0.0000

■ 45.2390, 31.0755,
20.1368

■ 45.2390, 31.0755,
20.1368

■ 41.8303, 26.1356,
13.2129

■ 49.6888, 37.5713,
29.0317

■ 39.3758, 22.6170,
8.1087

■ 55.2527, 45.7329,
40.0305

■ 37.7786, 20.3708,
4.6533

■ 61.9997, 55.6664,
53.2561

■ 36.9198, 19.2124,
2.6426

■ 69.9926, 67.4672,
68.8217

■ 36.6887, 18.9055,
2.0869

■ 79.2896, 81.2243,
86.8327

89.9456, 97.0208,
107.3882

90.4278, 97.6172,
108.6837

Harmonies

Analogous

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



46.5840, 31.0755, 39.5410



45.2390, 31.0755, 20.1368



39.3640, 31.0755, 10.2471

Triad

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



45.2390, 31.0755, 20.1368



19.3572, 31.0755, 14.2066



27.6868, 31.0755, 94.8592

Complementary

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



45.2390, 31.0755, 20.1368



53.0561, 72.7543, 89.8492

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.



21.4978, 31.0755, 79.3268



45.2390, 31.0755, 20.1368



17.2562, 31.0755, 28.7078

Square

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



45.2390, 31.0755, 20.1368



24.2561, 31.0755, 7.9953



17.9663, 31.0755, 52.6582



35.5321, 31.0755, 89.2653

Rectangle

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



45.2390, 31.0755, 20.1368



34.1414, 31.0755, 7.5091



17.9663, 31.0755, 52.6582



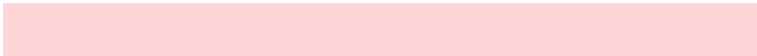
25.3652, 31.0755, 91.7678

Sweetspot

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



45.2398, 31.0772, 20.1373



77.7766, 74.4302, 75.4672



55.1444, 34.6959, 87.7947



16.2314, 15.3165, 15.3442



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.



45.2398, 31.0772, 20.1373



46.7146, 28.8642, 14.0670



53.1310, 47.4864, 20.8358



15.8065, 15.7723, 16.5372



19.7244, 10.1622, 1.1991



1.6526, 0.8501, 0.1617

Inverse Universe

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



45.2398, 31.0772, 20.1373



46.7146, 28.8642, 14.0670



39.5521, 44.0974, 90.4312



15.8065, 15.7723, 16.5372



19.7244, 10.1622, 1.1991



1.6526, 0.8501, 0.1617

Previews

White Background



This preview shows how the XYZ color 45.2390, 31.0755, 20.1368 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 45.2390, 31.0755, 20.1368 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 ✓ Pass

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

XYZ 45.2390, 31.0755, 20.1368

Background



This preview shows how black text looks on a background with the XYZ color 45.2390, 31.0755, 20.1368.



This preview shows how white text looks on a background with the XYZ color 45.2390, 31.0755,

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

45.2390, 31.0755, 20.1368

Protanopia

29.6111, 31.1799, 27.7502

Deuteranopia

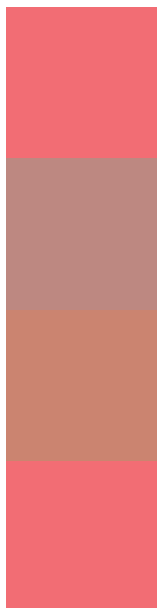
31.7623, 31.0799, 19.0768



Tritanopia

45.2390, 31.0755, 20.1368

Trichromacy



Original Color

45.2390, 31.0755, 20.1368

Protanomaly

33.7529, 30.0121, 24.7828

Deuteranomaly

35.8045, 30.3689, 19.3039

Tritanomaly

45.2390, 31.0755, 20.1368

Monochromacy



Original Color

45.2390, 31.0755, 20.1368

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

32.7799, 29.2302, 27.9591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2390, 31.0755, 20.1368 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(242, 109, 116)` looks like.

```
.text, #text, p{  
    color:rgb(242, 109, 116)  
}
```

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(242, 109, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 109, 116) }
```

Border

The CSS property to change the border of an element to XYZ 45.2390, 31.0755, 20.1368 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(242, 109, 116) }
```


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

```
.border{ border-color:rgb(242, 109, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 109, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 109, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 109, 116);  
box-shadow:4px 4px 4px 4px rgb(242, 109,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2390, 31.0755, 20.1368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 109, 116) }
```

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

```
.background{ background-color: rgb(242,  
109, 116) }
```

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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