

Converting Colors

XYZ(56.2531, 33.6193, 31.5322)

Have a look what the booklet for
XYZ(56.2531, 33.6193, 31.5322)
contains.

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Color

**XYZ(50.0750, 30.3776,
31.2412)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5894
RGB	255, 88, 148
RGB Percent	100%, 35%, 58%
CMY	0.0000, 0.6549, 0.4196
CMYK	0.00, 0.65, 0.42, 0.00
HSL	338°, 100%, 67%
HSV	338°, 65%, 100%
XYZ	50.0750, 30.3776, 31.2412
YIQ	144.7730, 80.2720, 54.0640

Conversions

Conversions Part 2

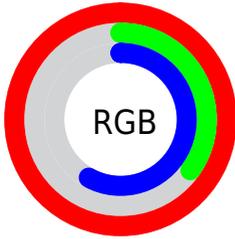
Format	Color
R _Y B	255, 88, 148
Decimal	16734356
CIE Lab	61.98, 67.71, 2.53
CIE LCh	62, 67.761, 2.143
Yxy	30.3776, 0.4483, 0.2720
Android (android.graphics.Color)	4294924436 (0xFFFF5894)
YUV	144.7730, 1.5909, 96.6691
Hunter-Lab	55.1159, 65.7217, 4.9739

Details

The XYZ color **50.0750, 30.3776, 31.2412** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **49.6368, 77.5356, 63.9852**, and the grayscale version is **26.7941, 28.1895, 30.6983**.

A 20% lighter version of the original color is **62.1796, 46.0820, 61.4946**, and **24.3166, 12.4586, 12.6784** is the 20% darker color. If you saturate the color by 10%, you get **47.1321, 26.4177, 24.3235**, and if you desaturate by 10%, it is **53.9337, 35.8771, 39.3654**.

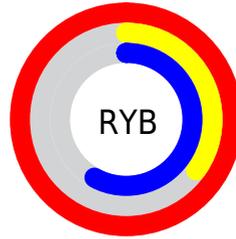
Distribution



Red (100%)

Green (35%)

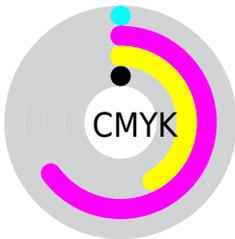
Blue (58%)



Red (100%)

Yellow (35%)

Blue (58%)

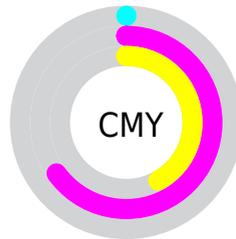


Cyan (0%)

Magenta (65%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (65%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0750, 30.3776, 31.2412 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 50.0750, 30.3776, 31.2412 by changing the saturation by 10% instead.

 50.0750, 30.3776,
31.2412

 50.0750, 30.3776,
31.2412

377.4063,
303.6606, 322.0335

 35.6910, 20.1254,
20.5226

 89.4771, 60.2588,
62.7036

 24.3647, 12.4862,
12.5876

 115.2260, 80.6566,
84.2845

 15.7306, 7.0757,
7.0178

 145.4940,
105.2050, 110.3233

 9.4233, 3.5095,
3.3946

 180.6462,
134.2885, 141.2384

 5.0776, 1.4032,
1.2995

221.0483,
168.2914, 177.4485

 2.3281, 0.2191,
0.0614

267.0654,

 0.8090, 0.0000,

207.5981, 219.3720

0.0000

319.0629,
252.5930, 267.4275

■ 0.0000, 0.0000,
0.0000

■ 50.0750, 30.3776,
31.2412

■ 50.0750, 30.3776,
31.2412

■ 47.1321, 26.4177,
24.3235

■ 53.9337, 35.8771,
39.3654

■ 45.0149, 23.8290,
18.5439

■ 58.7816, 43.0512,
48.7552

■ 43.6168, 22.4117,
13.8271

■ 64.6870, 52.0260,
59.4669

■ 43.1545, 22.0258,
12.0124

■ 71.7113, 62.9136,
71.5529

■ 79.9109, 75.8173,
85.0622

89.3383, 90.8327,
100.0415

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



47.2272, 30.3776, 62.3805



50.0750, 30.3776, 31.2412



46.3266, 30.3776, 12.9654

Triad

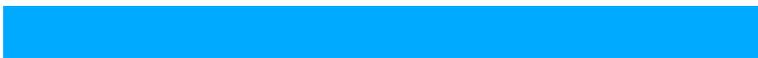
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.0750, 30.3776, 31.2412



20.5433, 30.3776, 6.2307



21.4578, 30.3776, 99.9209

Complementary

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



50.0750, 30.3776, 31.2412



49.6368, 77.5356, 63.9852

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.



16.4674, 30.3776, 67.4561



50.0750, 30.3776, 31.2412



16.0224, 30.3776, 14.7786

Square

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



50.0750, 30.3776, 31.2412



28.2250, 30.3776, 4.0446



14.7021, 30.3776, 34.9814



29.5308, 30.3776, 112.4491

Rectangle

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



50.0750, 30.3776, 31.2412



40.9703, 30.3776, 7.2185



14.7021, 30.3776, 34.9814



19.4275, 30.3776, 90.3592

Sweetspot

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



50.0758, 30.3793, 31.2417



76.0608, 69.7369, 78.7851



43.7298, 25.6401, 97.2517



15.7936, 14.1619, 16.0586



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.



50.0758, 30.3793, 31.2417



46.2991, 25.3609, 22.1665



48.6075, 33.1762, 13.0765



18.2790, 18.0949, 20.0862



22.6139, 11.5348, 6.6170



2.2518, 1.1431, 0.9074

Inverse Universe

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



50.0758, 30.3793, 31.2417



46.2991, 25.3609, 22.1665



51.1392, 67.4228, 104.9261



18.2790, 18.0949, 20.0862



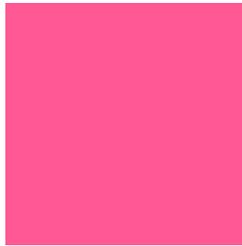
22.6139, 11.5348, 6.6170



2.2518, 1.1431, 0.9074

Previews

White Background



This preview shows how the XYZ color 50.0750, 30.3776, 31.2412 looks on a white background.

Color Contrast Check

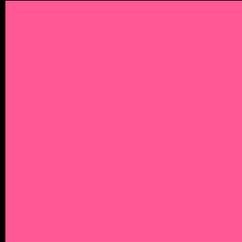
Large Text (above 18pt) WCAG AA × Fail

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 50.0750, 30.3776, 31.2412 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 50.0750, 30.3776, 31.2412

Background



This preview shows how black text looks on a background with the XYZ color 50.0750, 30.3776, 31.2412.



This preview shows how white text looks on a background with the XYZ color 50.0750, 30.3776,

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

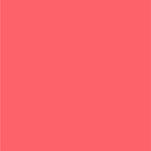
50.0750, 30.3776, 31.2412

Protanopia

30.5545, 30.7064, 49.6639

Deuteranopia

31.0075, 30.4691, 29.0578



Tritanopia

47.0113, 30.4303, 16.4926

Trichromacy



Original Color

50.0750, 30.3776, 31.2412

Protanomaly

34.4685, 28.1863, 42.1519

Deuteranomaly

35.9850, 28.6778, 29.6254

Tritanomaly

47.9009, 30.2441, 21.0823

Monochromacy



Original Color

50.0750, 30.3776, 31.2412

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

32.4035, 26.8049, 30.6601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0750, 30.3776, 31.2412 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(255, 88, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 148)  
}
```

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(255, 88, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 148) }
```

Border

The CSS property to change the border of an element to XYZ 50.0750, 30.3776, 31.2412 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(255, 88, 148) }
```

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

```
.border{ border-color:rgb(255, 88, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 88, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0750, 30.3776, 31.2412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 148) }
```

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

```
.background{ background-color: rgb(255, 88,  
148) }
```

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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