

Converting Colors

XYZ(50.0588, 31.2418, 28.4718)

Have a look what the booklet for
XYZ(50.0588, 31.2418, 28.4718)
contains.

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Color

**XYZ(50.0504, 31.1885,
28.5813)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5E8D
RGB	255, 94, 141
RGB Percent	100%, 37%, 55%
CMY	0.0000, 0.6313, 0.4471
CMYK	0.00, 0.63, 0.45, 0.00
HSL	342°, 100%, 68%
HSV	342°, 63%, 100%
XYZ	50.0504, 31.1885, 28.5813
YIQ	147.4970, 80.8690, 48.7490

Conversions

Conversions Part 2

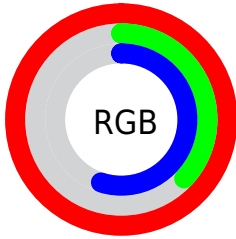
Format	Color
R _Y B	255, 94, 141
Decimal	16735885
CIE Lab	62.67, 64.68, 7.57
CIE LCh	63, 65.125, 6.679
Yxy	31.1885, 0.4557, 0.2840
Android (android.graphics.Color)	4294925965 (0xFFFF5E8D)
YUV	147.4970, -3.2030, 94.2801
Hunter-Lab	55.8467, 62.2420, 8.7491

Details

The XYZ color **50.0504, 31.1885, 28.5813** 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 **51.7633, 78.4545, 72.0953**, and the grayscale version is **27.9299, 29.3844, 31.9996**.

A 20% lighter version of the original color is **62.2058, 47.6115, 56.9503**, and **24.2959, 12.9233, 11.1114** is the 20% darker color. If you saturate the color by 10%, you get **46.9096, 26.8848, 21.4373**, and if you desaturate by 10%, it is **54.1605, 37.0805, 37.1297**.

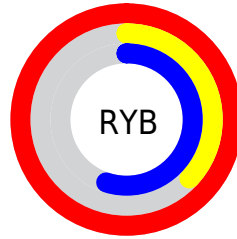
Distribution



Red (100%)

Green (37%)

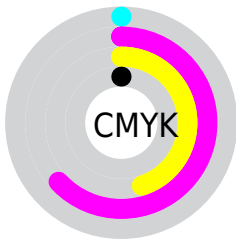
Blue (55%)



Red (100%)

Yellow (37%)

Blue (55%)

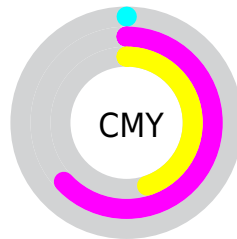


Cyan (0%)

Magenta (63%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0504, 31.1885, 28.5813 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 50.0504, 31.1885, 28.5813 by changing the saturation by 10% instead.


 50.0504, 31.1885,
28.5813


 50.0504, 31.1885,
28.5813


377.3117,
307.4058, 309.2331


 35.6714, 20.7424,
18.5215


 89.4409, 61.5367,
58.4454


 24.3495, 12.9359,
11.1517


 115.1832, 82.2077,
79.0868

 15.7192, 7.3844,
6.0535


 145.4439,
107.0557, 104.0924

 9.4152, 3.7036,
2.8083

 180.5884,
136.4652, 133.8808

 5.0723, 1.5092,
0.9976

220.9821,
170.8205, 168.8705

 2.3249, 0.2952,
0.0000

266.9903,

 0.8074, 0.0000,

210.5062, 209.4801

0.0000

318.9784,
255.9065, 256.1282

■ 0.0000, 0.0000,
0.0000

■ 50.0504, 31.1885,
28.5813

■ 50.0504, 31.1885,
28.5813

■ 46.9096, 26.8848,
21.4373

■ 54.1605, 37.0805,
37.1297

■ 44.6481, 24.0060,
15.6145

■ 59.3140, 44.6926,
47.1551

■ 43.1617, 22.3622,
11.0219

■ 65.5801, 54.1488,
58.7266

■ 42.4905, 21.7602,
8.5156

■ 73.0212, 65.5598,
71.9083

■ 81.6952, 79.0280,
86.7606

91.6559, 94.6483,
103.3405

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.



48.2580, 31.1885, 57.2389



50.0504, 31.1885, 28.5813



45.5607, 31.1885, 12.3185

Triad

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



50.0504, 31.1885, 28.5813



20.5667, 31.1885, 7.8958



23.3830, 31.1885, 101.5986

Complementary

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



50.0504, 31.1885, 28.5813



51.7633, 78.4545, 72.0953

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.



17.9469, 31.1885, 72.3611



50.0504, 31.1885, 28.5813



16.5624, 31.1885, 18.0413

Square

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



50.0504, 31.1885, 28.5813



27.7012, 31.1885, 4.8607



15.7095, 31.1885, 39.9721



31.6751, 31.1885, 109.3986

Rectangle

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



50.0504, 31.1885, 28.5813



40.0514, 31.1885, 7.2902



15.7095, 31.1885, 39.9721



21.2160, 31.1885, 93.4288

Sweetspot

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



50.0512, 31.1902, 28.5818



76.4541, 70.8720, 77.8417



47.7027, 28.4497, 97.5846



15.8510, 14.3746, 15.7760



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.



50.0512, 31.1902, 28.5818



46.1757, 25.9214, 19.6368



50.7482, 37.0432, 15.0673



18.2274, 18.0743, 19.8148



22.2583, 11.3926, 4.7446



2.2124, 1.1273, 0.6997

Inverse Universe

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



50.0512, 31.1902, 28.5818



46.1757, 25.9214, 19.6368



49.0018, 62.2696, 104.0441



18.2274, 18.0743, 19.8148



22.2583, 11.3926, 4.7446



2.2124, 1.1273, 0.6997

Previews

White Background



This preview shows how the XYZ color 50.0504, 31.1885, 28.5813 looks on a white background.

Color Contrast Check

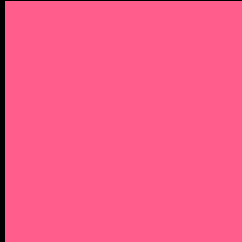
Large Text (above 18pt) WCAG AA × Fail

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 50.0504, 31.1885, 28.5813 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 50.0504, 31.1885, 28.5813

Background



This preview shows how black text looks on a background with the XYZ color 50.0504, 31.1885, 28.5813.



This preview shows how white text looks on a background with the XYZ color 50.0504, 31.1885,

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

50.0504, 31.1885, 28.5813

Protanopia

30.8222, 31.4462, 43.9804

Deuteranopia

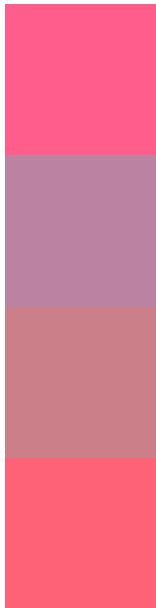
31.7461, 31.1355, 26.5268



Tritanopia

47.8155, 31.2515, 17.4219

Trichromacy



Original Color

50.0504, 31.1885, 28.5813

Protanomaly

34.9092, 29.1033, 37.4958

Deuteranomaly

36.6619, 29.6528, 27.0838

Tritanomaly

48.5705, 31.1381, 20.9031

Monochromacy



Original Color

50.0504, 31.1885, 28.5813

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

33.3235, 28.0475, 30.4454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0504, 31.1885, 28.5813 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, 94, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 141)  
}
```

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, 94, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 141) }
```

Border

The CSS property to change the border of an element to XYZ 50.0504, 31.1885, 28.5813 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, 94, 141) }
```


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

```
.border{ border-color:rgb(255, 94, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0504, 31.1885, 28.5813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 141) }
```

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

```
.background{ background-color: rgb(255, 94,  
141) }
```

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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