

Converting Colors

XYZ(50.3592, 30.8946, 31.4945)

Have a look what the booklet for
XYZ(50.3592, 30.8946, 31.4945)
contains.

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Color

**XYZ(50.3264, 30.8803,
31.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5B94
RGB	255, 91, 148
RGB Percent	100%, 36%, 58%
CMY	0.0000, 0.6431, 0.4196
CMYK	0.00, 0.64, 0.42, 0.00
HSL	339°, 100%, 68%
HSV	339°, 64%, 100%
XYZ	50.3264, 30.8803, 31.3250
YIQ	146.5340, 79.4470, 52.4950

Conversions

Conversions Part 2

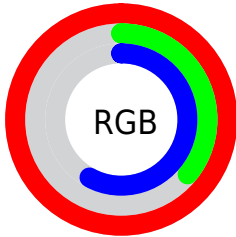
Format	Color
R _Y B	255, 91, 148
Decimal	16735124
CIE Lab	62.41, 66.54, 3.15
CIE LCh	62, 66.619, 2.713
Yxy	30.8803, 0.4472, 0.2744
Android (android.graphics.Color)	4294925204 (0xFFFF5B94)
YUV	146.5340, 0.7227, 95.1247
Hunter-Lab	55.5700, 64.4090, 5.4771

Details

The XYZ color **50.3264, 30.8803, 31.3250** 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 **50.2694, 77.8222, 65.8033**, and the grayscale version is **27.5166, 28.9496, 31.5262**.

A 20% lighter version of the original color is **62.6481, 47.0192, 61.6508**, and **24.4471, 12.7196, 12.7219** is the 20% darker color. If you saturate the color by 10%, you get **47.2810, 26.7479, 24.2727**, and if you desaturate by 10%, it is **54.3030, 36.5721, 39.6222**.

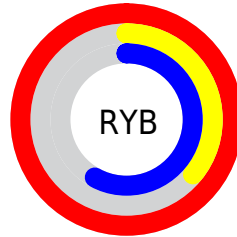
Distribution



Red (100%)

Green (36%)

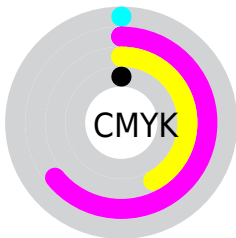
Blue (58%)



Red (100%)

Yellow (36%)

Blue (58%)

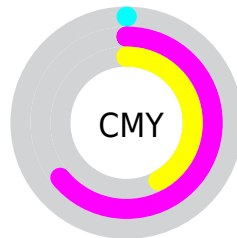


Cyan (0%)

Magenta (64%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3264, 30.8803, 31.3250 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 50.3264, 30.8803, 31.3250 by changing the saturation by 10% instead.

 50.3264, 30.8803,
31.3250


 50.3264, 30.8803,
31.3250


378.3719,
305.9865, 322.4303


 35.8917, 20.5077,
20.5859


 89.8472, 61.0516,
62.8370


 24.5203, 12.7646,
12.6334


 115.6640, 81.6190,
84.4469

 15.8468, 7.2667,
7.0488


 146.0056,
106.3536, 110.5176

 9.5060, 3.6294,
3.4137

 181.2372,
135.6396, 141.4674

 5.1324, 1.4685,
1.3096

221.7243,
169.8615, 177.7151

 2.3607, 0.2664,
0.0696

267.8323,

 0.8255, 0.0000,

209.4037, 219.6791

0.0000

319.9263,
254.6506, 267.7780

■ 0.0000, 0.0000,
0.0000

■ 50.3264, 30.8803,
31.3250

■ 50.3264, 30.8803,
31.3250

■ 47.2810, 26.7479,
24.2727

■ 54.3030, 36.5721,
39.6222

■ 45.0778, 24.0097,
18.3951

■ 59.2834, 43.9565,
49.2250

■ 43.6126, 22.4714,
13.6155

■ 65.3355, 53.1579,
60.1916

■ 43.0272, 21.9749,
11.3413

■ 72.5204, 64.2876,
72.5757

■ 80.8946, 77.4479,
86.4282

90.5104, 92.7339,
101.7970

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



47.6367, 30.8803, 61.9492



50.3264, 30.8803, 31.3250



46.5110, 30.8803, 13.2784

Triad

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



50.3264, 30.8803, 31.3250



20.9343, 30.8803, 6.7438



22.0909, 30.8803, 99.9746

Complementary

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



50.3264, 30.8803, 31.3250



50.2694, 77.8222, 65.8033

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.



17.0350, 30.8803, 68.2779



50.3264, 30.8803, 31.3250



16.4697, 30.8803, 15.5951

Square

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



50.3264, 30.8803, 31.3250



28.5369, 30.8803, 4.4013



15.2029, 30.8803, 36.0316



30.1800, 30.8803, 111.7303

Rectangle

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



50.3264, 30.8803, 31.3250



41.1716, 30.8803, 7.5540



15.2029, 30.8803, 36.0316



20.0414, 30.8803, 90.7062

Sweetspot

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



50.3272, 30.8820, 31.3255



76.8156, 71.0166, 79.7453



44.9762, 26.6558, 97.3822



15.9374, 14.4092, 16.2310



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.



50.3272, 30.8820, 31.3255



46.6094, 25.8814, 22.5790



49.3290, 34.4162, 13.9428



18.2700, 18.0913, 20.0388



22.5459, 11.5077, 6.2592



2.2444, 1.1402, 0.8687

Inverse Universe

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



50.3272, 30.8820, 31.3255



46.6094, 25.8814, 22.5790



50.7740, 66.2619, 104.7214



18.2700, 18.0913, 20.0388



22.5459, 11.5077, 6.2592



2.2444, 1.1402, 0.8687

Previews

White Background



This preview shows how the XYZ color 50.3264, 30.8803, 31.3250 looks on a white background.

Color Contrast Check

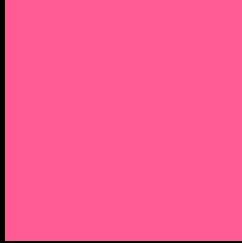
Large Text (above 18pt) WCAG AA × Fail

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 50.3264, 30.8803, 31.3250 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 50.3264, 30.8803, 31.3250

Background



This preview shows how black text looks on a background with the XYZ color 50.3264, 30.8803, 31.3250.



This preview shows how white text looks on a background with the XYZ color 50.3264, 30.8803,

31.3250.

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

50.3264, 30.8803, 31.3250

Protanopia

30.9552, 31.1609, 49.1829

Deuteranopia

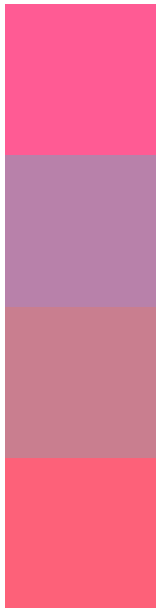
31.5901, 30.9973, 29.1290



Tritanopia

47.3036, 30.8504, 17.0972

Trichromacy



Original Color

50.3264, 30.8803, 31.3250

Protanomaly

34.8731, 28.7931, 41.7498

Deuteranomaly

36.5062, 29.3224, 29.7223

Tritanomaly

48.2339, 30.8125, 21.4944

Monochromacy



Original Color

50.3264, 30.8803, 31.3250

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

33.1055, 27.7244, 31.2103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3264, 30.8803, 31.3250 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, 91, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 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, 91, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 148) }
```

Border

The CSS property to change the border of an element to XYZ 50.3264, 30.8803, 31.3250 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, 91, 148) }
```


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

```
.border{ border-color:rgb(255, 91, 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, 91, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 91, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 91, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 91,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3264, 30.8803, 31.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 91, 148) }
```

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

```
.background{ background-color: rgb(255, 91,  
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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