

Converting Colors

XYZ(53.4104, 31.0774, 50.7604)

Have a look what the booklet for
XYZ(53.4104, 31.0774, 50.7604)
contains.

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Color

**XYZ(53.4104, 31.0774,
50.7604)**

Conversions

Conversions Part 1

Format	Color
Hex	FF53BC
RGB	255, 83, 188
RGB Percent	100%, 33%, 74%
CMY	0.0000, 0.6745, 0.2627
CMYK	0.00, 0.67, 0.26, 0.00
HSL	323°, 100%, 66%
HSV	323°, 67%, 100%
XYZ	53.4104, 31.0774, 50.7604
YIQ	146.3980, 68.8070, 69.1190

Conversions

Conversions Part 2

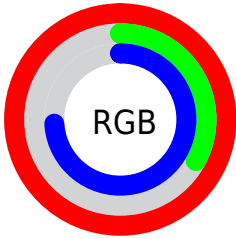
Format	Color
R _Y B	255, 83, 188
Decimal	16733116
CIE Lab	62.57, 73.93, -19.61
CIE LCh	63, 76.483, 345.145
Yxy	31.0774, 0.3949, 0.2298
Android (android.graphics.Color)	4294923196 (0xFFFF53BC)
YUV	146.3980, 20.5098, 95.2440
Hunter-Lab	55.7471, 73.4605, -14.9634

Details

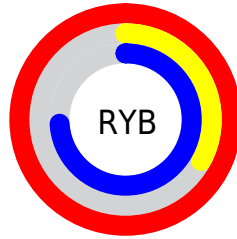
The XYZ color **53.4104, 31.0774, 50.7604** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **44.8340, 75.5618, 41.0801**, and the grayscale version is **27.3852, 28.8114, 31.3756**.

A 20% lighter version of the original color is **67.3916, 47.4366, 91.1922**, and **26.6213, 13.2186, 24.0700** is the 20% darker color. If you saturate the color by 10%, you get **50.7711, 27.4540, 44.7779**, and if you desaturate by 10%, it is **56.8420, 36.1672, 57.3713**.

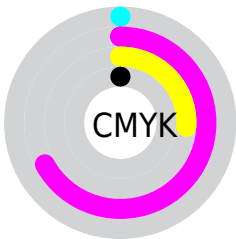
Distribution



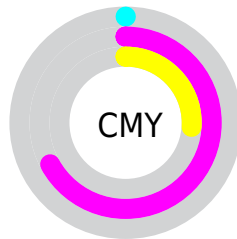
- Red (100%)
- Green (33%)
- Blue (74%)



- Red (100%)
- Yellow (33%)
- Blue (74%)



- Cyan (0%)
- Magenta (67%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (67%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4104, 31.0774, 50.7604 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 53.4104, 31.0774, 50.7604 by changing the saturation by 10% instead.

 53.4104, 31.0774,
50.7604


 53.4104, 31.0774,
50.7604

390.0928,
306.8947, 406.4521


 38.3593, 20.6578,
35.6426


 94.3700, 61.3619,
92.7084


 26.4401, 12.8741,
23.8708


 121.0091, 81.9956,
120.3756

 17.2876, 7.3419,
15.0265


 152.2417,
106.8028, 153.0630

 10.5363, 3.6768,
8.6911

 188.4330,
136.1678, 191.1892

 5.8210, 1.4945,
4.4462

229.9484,
170.4752, 235.1726

 2.7761, 0.2848,
1.8732

277.1533,

 1.0365, 0.0000,

210.1092, 285.4319

0.4756

330.4130,
255.4542, 342.3856

■ 0.0000, 0.0000,
0.0000

■ 53.4104, 31.0774,
50.7604

■ 53.4104, 31.0774,
50.7604

■ 50.7711, 27.4540,
44.7779

■ 56.8420, 36.1672,
57.3713

■ 48.8371, 25.1257,
39.3866

■ 61.1354, 42.8605,
64.6400

■ 47.4994, 23.8768,
34.5430

■ 66.3550, 51.2836,
72.5949

■ 47.2123, 23.6489,
33.3796

■ 72.5579, 61.5489,
81.2620

■ 79.7967, 73.7591,
90.6652

88.1200, 88.0094,
100.8269

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.



46.1166, 31.0774, 92.4938



53.4104, 31.0774, 50.7604



53.3715, 31.0774, 20.9644

Triad

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



53.4104, 31.0774, 50.7604



24.6122, 31.0774, 3.1882



17.5524, 31.0774, 92.8959

Complementary

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



53.4104, 31.0774, 50.7604



44.8340, 75.5618, 41.0801

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.



14.1263, 31.0774, 51.1289



53.4104, 31.0774, 50.7604



17.5018, 31.0774, 7.3750

Square

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



53.4104, 31.0774, 50.7604



34.9713, 31.0774, 3.1727



14.1102, 31.0774, 21.1690



24.6990, 31.0774, 124.9635

Rectangle

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



53.4104, 31.0774, 50.7604



49.1093, 31.0774, 10.4070



14.1102, 31.0774, 21.1690



16.0103, 31.0774, 78.7134

Sweetspot

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



53.4112, 31.0789, 50.7610



77.8474, 70.4516, 88.1933



33.5274, 19.7919, 96.6609



16.2205, 14.3326, 18.3066



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.



53.4112, 31.0789, 50.7610



50.0079, 26.4879, 42.7966



46.7860, 28.4288, 15.8733



18.4753, 18.1734, 21.1201



24.7448, 12.3872, 17.8387



2.4629, 1.2276, 2.0193

Inverse Universe

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



53.4112, 31.0789, 50.7610



50.0079, 26.4879, 42.7966



54.3141, 79.3538, 91.0018



18.4753, 18.1734, 21.1201



24.7448, 12.3872, 17.8387



2.4629, 1.2276, 2.0193

Previews

White Background



This preview shows how the XYZ color 53.4104, 31.0774, 50.7604 looks on a white background.

Color Contrast Check

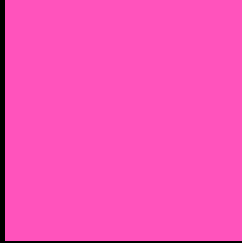
Large Text (above 18pt) WCAG AA × Fail

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 53.4104, 31.0774, 50.7604 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 53.4104, 31.0774, 50.7604

Background



This preview shows how black text looks on a background with the XYZ color 53.4104, 31.0774, 50.7604.



This preview shows how white text looks on a background with the XYZ color 53.4104, 31.0774,

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

53.4104, 31.0774, 50.7604

Protanopia

33.6413, 31.5313, 84.4338

Deuteranopia

31.8635, 31.2068, 46.9920



Tritanopia

46.8317, 31.1662, 18.2992

Trichromacy



Original Color

53.4104, 31.0774, 50.7604



Protanomaly

36.2682, 28.1065, 70.5314



Deuteranomaly

36.8864, 28.7399, 47.8592



Tritanomaly

48.5540, 30.7099, 27.4133

Monochromacy



Original Color

53.4104, 31.0774, 50.7604



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

33.7657, 27.1782, 37.1845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4104, 31.0774, 50.7604 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, 83, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 83, 188)  
}
```

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, 83, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 83, 188) }
```

Border

The CSS property to change the border of an element to XYZ 53.4104, 31.0774, 50.7604 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, 83, 188) }
```


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

```
.border{ border-color:rgb(255, 83, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 83, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 83, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 83, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 83,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4104, 31.0774, 50.7604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 83, 188) }
```

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

```
.background{ background-color: rgb(255, 83,  
188) }
```

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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