

Converting Colors

XYZ(54.5770, 31.8797, 62.9514)

Have a look what the booklet for XYZ(54.5770, 31.8797, 62.9514) contains.

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Color

**XYZ(54.5770, 31.8797,
62.9514)**

Conversions

Conversions Part 1

Format	Color
Hex	FB57D0
RGB	251, 87, 208
RGB Percent	98%, 34%, 82%
CMY	0.0157, 0.6588, 0.1843
CMYK	0.00, 0.65, 0.17, 0.02
HSL	316°, 95%, 66%
HSV	316°, 65%, 98%
XYZ	54.5770, 31.8797, 62.9514
YIQ	149.8300, 58.9030, 72.3990

Conversions

Conversions Part 2

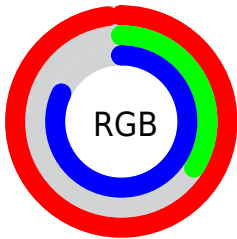
Format	Color
R _Y B	251, 87, 208
Decimal	16472016
CIE Lab	63.24, 74.02, -29.99
CIE LCh	63, 79.863, 337.946
Yxy	31.8797, 0.3653, 0.2134
Android (android.graphics.Color)	4294662096 (0xFFFB57D0)
YUV	149.8300, 28.6778, 88.7261
Hunter-Lab	56.4621, 73.7317, -26.5808

Details

The XYZ color **54.5770, 31.8797, 62.9514** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **42.4586, 72.6334, 32.9041**, and the grayscale version is **28.7840, 30.2830, 32.9782**.

A 20% lighter version of the original color is **69.7237, 49.3474, 100.4579**, and **27.2356, 13.3763, 31.2834** is the 20% darker color. If you saturate the color by 10%, you get **52.0936, 28.1815, 58.2111**, and if you desaturate by 10%, it is **57.8022, 37.0066, 68.1052**.

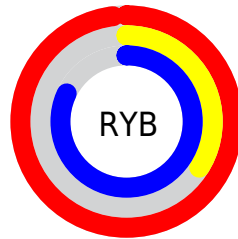
Distribution



Red (98%)

Green (34%)

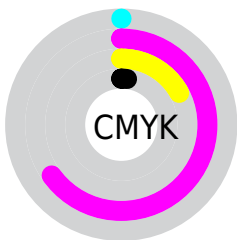
Blue (82%)



Red (98%)

Yellow (34%)

Blue (82%)

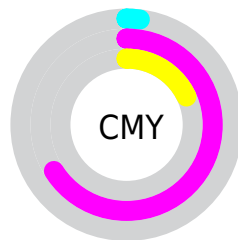


Cyan (0%)

Magenta (65%)

Yellow (17%)

Black (2%)



Cyan (2%)

Magenta (66%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5770, 31.8797, 62.9514 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 54.5770, 31.8797, 62.9514 by changing the saturation by 10% instead.


 54.5770, 31.8797,
62.9514


 54.5770, 31.8797,
62.9514

394.4690,
310.5709, 453.4962


 39.2957, 21.2696,
45.3611

 96.0729, 62.6224,
110.6843


 27.1716, 13.3212,
31.3970


 123.0181, 83.5239,
141.6640

 17.8394, 7.6501,
20.6403


 154.5820,
108.6246, 177.9440

 10.9337, 3.8719,
12.6727

 191.1299,
138.3090, 219.9427

 6.0892, 1.6022,
7.0755

233.0272,
172.9614, 268.0787

 2.9406, 0.3591,
3.4302

280.6393,

 1.1224, 0.0000,

212.9663, 322.7706

1.3183

334.3314,
258.7080, 384.4369

■ 0.0438, 0.0000,
0.0767

■ 0.0000, 0.0000,
0.0000

■ 54.5770, 31.8797,
62.9514

■ 54.5770, 31.8797,
62.9514

■ 52.0936, 28.1815,
58.2111

■ 57.8022, 37.0066,
68.1052

■ 50.2715, 25.7534,
53.8549

■ 61.8322, 43.6893,
73.6948

■ 49.0166, 24.4072,
49.8495

■ 66.7269, 52.0463,
79.7423

■ 48.5605, 24.0200,
48.0789

■ 72.5394, 62.1832,
86.2673

79.3183, 74.1967,
93.2878

87.1089, 88.1768,
100.8208

93.4446, 99.1896,
108.0458

93.5939, 99.2493,
108.8319

Harmonies

Analogous

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



45.3393, 31.8797, 108.2412



54.5770, 31.8797, 62.9514



56.6018, 31.8797, 26.9589

Triad

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



54.5770, 31.8797, 62.9514



27.4566, 31.8797, 2.5915



16.4402, 31.8797, 87.2074

Complementary

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



54.5770, 31.8797, 62.9514



42.4586, 72.6334, 32.9041

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.



13.7488, 31.8797, 43.8240



54.5770, 31.8797, 62.9514



19.0202, 31.8797, 5.4366

Square

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



54.5770, 31.8797, 62.9514



39.0026, 31.8797, 3.3399



14.5622, 31.8797, 16.5050



23.0001, 31.8797, 127.2123

Rectangle

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



54.5770, 31.8797, 62.9514



53.2218, 31.8797, 13.2863



14.5622, 31.8797, 16.5050



15.1360, 31.8797, 71.7652

Sweetspot

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



54.5780, 31.8813, 62.9520



78.8039, 70.8342, 93.2302



29.7247, 18.3726, 93.2469



16.4510, 14.4248, 19.5204



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.



54.5780, 31.8813, 62.9520



53.4202, 28.4025, 59.0708



47.0895, 28.8859, 23.5181



17.7873, 17.4423, 20.7357



25.5883, 12.6510, 25.6042



2.4134, 1.1891, 2.6004

Inverse Universe

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



54.5780, 31.8813, 62.9520



53.4202, 28.4025, 59.0708



50.0619, 75.6747, 72.9427



17.7873, 17.4423, 20.7357



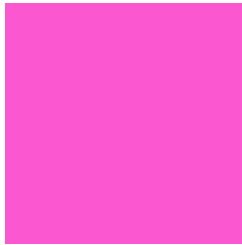
25.5883, 12.6510, 25.6042



2.4134, 1.1891, 2.6004

Previews

White Background



This preview shows how the XYZ color 54.5770, 31.8797, 62.9514 looks on a white background.

Color Contrast Check

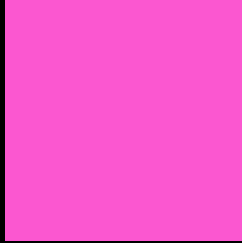
Large Text (above 18pt) WCAG AA × Fail

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 54.5770, 31.8797, 62.9514 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 54.5770, 31.8797, 62.9514

Background



This preview shows how black text looks on a background with the XYZ color 54.5770, 31.8797, 62.9514.



This preview shows how white text looks on a background with the XYZ color 54.5770, 31.8797,

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

54.5770, 31.8797, 62.9514

Protanopia

35.3868, 32.3477, 98.9864

Deuteranopia

32.7613, 32.1397, 57.9030



Tritanopia

45.9764, 31.7555, 21.1590

Trichromacy



Original Color

54.5770, 31.8797, 62.9514



Protanomaly

37.7199, 28.9289, 84.4847



Deuteranomaly

37.9083, 29.7699, 59.6253



Tritanomaly

48.3433, 31.3299, 32.7775

Monochromacy



Original Color

54.5770, 31.8797, 62.9514



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

35.4336, 28.6838, 42.1971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5770, 31.8797, 62.9514 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(251, 87, 208)` looks like.

```
.text, #text, p{  
    color:rgb(251, 87, 208)  
}
```

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(251, 87, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 87, 208) }
```

Border

The CSS property to change the border of an element to XYZ 54.5770, 31.8797, 62.9514 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(251, 87, 208) }
```


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

```
.border{ border-color:rgb(251, 87, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 87, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 87, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 87, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 87,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5770, 31.8797, 62.9514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 87, 208) }
```

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

```
.background{ background-color: rgb(251, 87,  
208) }
```

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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