

Converting Colors

XYZ(134.1809, 72.2958,
62.2420)

Have a look what the booklet for
XYZ(134.1809, 72.2958, 62.2420)
contains.

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Color

**XYZ(54.7250, 31.3619,
58.4275)**

Conversions

Conversions Part 1

Format	Color
Hex	FF51C9
RGB	255, 81, 201
RGB Percent	100%, 32%, 79%
CMY	0.0000, 0.6823, 0.2118
CMYK	0.00, 0.68, 0.21, 0.00
HSL	319°, 100%, 66%
HSV	319°, 68%, 100%
XYZ	54.7250, 31.3619, 58.4275
YIQ	146.7060, 65.1840, 74.2080

Conversions

Conversions Part 2

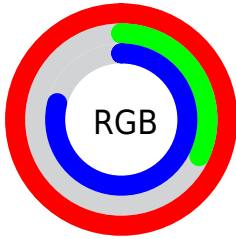
Format	Color
R _Y B	255, 81, 201
Decimal	16732617
CIE Lab	62.81, 76.25, -26.64
CIE LCh	63, 80.774, 340.742
Yxy	31.3619, 0.3787, 0.2170
Android (android.graphics.Color)	4294922697 (0xFFFF51C9)
YUV	146.7060, 26.7669, 94.9738
Hunter-Lab	56.0017, 76.4277, -22.6571

Details

The XYZ color **54.7250, 31.3619, 58.4275** 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 **43.5280, 75.0193, 35.1111**, and the grayscale version is **27.4879, 28.9194, 31.4932**.

A 20% lighter version of the original color is **68.9630, 47.8260, 100.2043**, and **27.5146, 13.5759, 28.7740** is the 20% darker color. If you saturate the color by 10%, you get **52.2658, 27.8952, 53.1322**, and if you desaturate by 10%, it is **57.9448, 36.2727, 64.2136**.

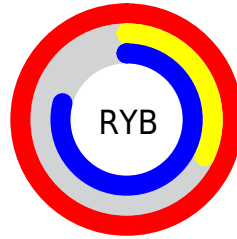
Distribution



Red (100%)

Green (32%)

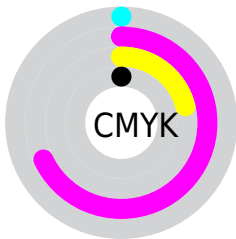
Blue (79%)



Red (100%)

Yellow (32%)

Blue (79%)

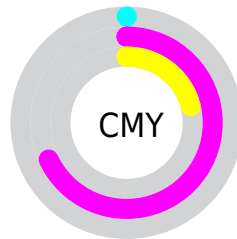


Cyan (0%)

Magenta (68%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (68%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7250, 31.3619, 58.4275 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 54.7250, 31.3619, 58.4275 by changing the saturation by 10% instead.


 54.7250, 31.3619,
58.4275

 54.7250, 31.3619,
58.4275


395.0220,
308.2021, 436.4197

 39.4146, 20.8746,
41.7355

 96.2886, 61.8094,
104.0661


 27.2646, 13.0324,
28.5702


 123.2725, 82.5384,
133.8497

 17.9096, 7.4508,
18.5131


 154.8782,
107.4500, 168.8342

 10.9844, 3.7456,
11.1458

 191.4711,
136.9287, 209.4382

 6.1236, 1.5323,
6.0496

233.4166,
171.3589, 256.0802

 2.9617, 0.3113,
2.8060

281.0800,

 1.1336, 0.0000,

211.1249, 309.1787

0.9964

334.8267,
256.6112, 369.1524

■ 0.0529, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7250, 31.3619,
58.4275

■ 54.7250, 31.3619,
58.4275

■ 52.2658, 27.8952,
53.1322

■ 57.9448, 36.2727,
64.2136

■ 50.4797, 25.6991,
48.2942

■ 61.9948, 42.7661,
70.5162

■ 49.2505, 24.5425,
43.8714

■ 66.9390, 50.9691,
77.3605

■ 49.0625, 24.3890,
43.1225

■ 72.8346, 60.9947,
84.7687

79.7336, 72.9461,
92.7614

87.6844, 86.9188,
101.3579

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.



45.9512, 31.3619, 104.1852



54.7250, 31.3619, 58.4275



55.9594, 31.3619, 24.0084

Triad

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



54.7250, 31.3619, 58.4275



26.0183, 31.3619, 2.4580



16.4264, 31.3619, 91.3057

Complementary

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



54.7250, 31.3619, 58.4275



43.5280, 75.0193, 35.1111

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.



13.4182, 31.3619, 46.8024



54.7250, 31.3619, 58.4275



17.9732, 31.3619, 5.6696

Square

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



54.7250, 31.3619, 58.4275



37.3859, 31.3619, 2.8856



13.9039, 31.3619, 17.7435



23.3312, 31.3619, 129.9326

Rectangle

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



54.7250, 31.3619, 58.4275



52.0729, 31.3619, 11.5198



13.9039, 31.3619, 17.7435



15.0137, 31.3619, 75.6935

Sweetspot

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



54.7259, 31.3634, 58.4281



78.4382, 70.6879, 91.3044



30.6987, 18.1097, 96.4853



16.3627, 14.3895, 19.0555



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.



54.7259, 31.3634, 58.4281



51.5187, 26.9284, 51.2571



47.3244, 28.4028, 19.4525



18.5386, 18.1987, 21.4532



25.7064, 12.7718, 22.9020



2.5521, 1.2632, 2.4887

Inverse Universe

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



54.7259, 31.3634, 58.4281



51.5187, 26.9284, 51.2571



52.0992, 78.4478, 80.2465



18.5386, 18.1987, 21.4532



25.7064, 12.7718, 22.9020



2.5521, 1.2632, 2.4887

Previews

White Background



This preview shows how the XYZ color 54.7250, 31.3619, 58.4275 looks on a white background.

Color Contrast Check

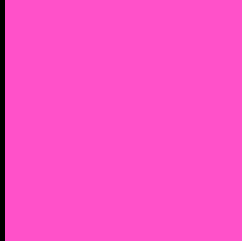
Large Text (above 18pt) WCAG AA × Fail

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 54.7250, 31.3619, 58.4275 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 54.7250, 31.3619, 58.4275

Background



This preview shows how black text looks on a background with the XYZ color 54.7250, 31.3619, 58.4275.



This preview shows how white text looks on a background with the XYZ color 54.7250, 31.3619,

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

54.7250, 31.3619, 58.4275

Protanopia

34.9435, 31.9019, 98.0819

Deuteranopia

32.1840, 31.4595, 53.6662



Tritanopia

46.4924, 31.2745, 19.2089

Trichromacy



Original Color

54.7250, 31.3619, 58.4275



Protanomaly

37.1033, 28.0948, 82.0645



Deuteranomaly

37.3077, 28.7945, 55.2213



Tritanomaly

48.8099, 30.9177, 30.1832

Monochromacy



Original Color

54.7250, 31.3619, 58.4275



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

34.3077, 27.3950, 40.0388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7250, 31.3619, 58.4275 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, 81, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 81, 201)  
}
```

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, 81, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 81, 201) }
```

Border

The CSS property to change the border of an element to XYZ 54.7250, 31.3619, 58.4275 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, 81, 201) }
```


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

```
.border{ border-color:rgb(255, 81, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 81, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 81, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 81, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 81,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7250, 31.3619, 58.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 81, 201) }
```

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

```
.background{ background-color: rgb(255, 81,  
201) }
```

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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