

Converting Colors

XYZ(50.8567, 31.1310, 55.9871)

Have a look what the booklet for
XYZ(50.8567, 31.1310, 55.9871)
contains.

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Color

**XYZ(50.7882, 31.0929,
56.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	F25FC5
RGB	242, 95, 197
RGB Percent	95%, 37%, 77%
CMY	0.0510, 0.6274, 0.2274
CMYK	0.00, 0.61, 0.19, 0.05
HSL	318°, 85%, 66%
HSV	318°, 61%, 95%
XYZ	50.7882, 31.0929, 56.1480
YIQ	150.5810, 54.8700, 62.8860

Conversions

Conversions Part 2

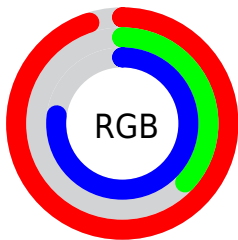
Format	Color
R_{YB}	242, 95, 197
Decimal	15884229
CIE _{Lab}	62.59, 67.00, -24.89
CIE _{LCh}	63, 71.478, 339.623
Yxy	31.0929, 0.3680, 0.2253
Android (android.graphics.Color)	4294074309 (0xFFFF25FC5)
YUV	150.5810, 22.8846, 80.1745
Hunter-Lab	55.7610, 64.9995, -20.6688

Details

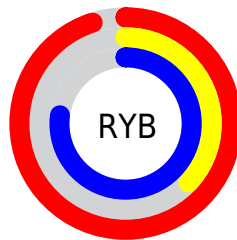
The XYZ color **50.7882, 31.0929, 56.1480** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **41.2067, 67.8316, 35.7350**, and the grayscale version is **29.1270, 30.6439, 33.3712**.

A 20% lighter version of the original color is **70.3576, 50.8722, 99.8770**, and **24.6887, 12.8070, 27.1574** is the 20% darker color. If you saturate the color by 10%, you get **48.1089, 27.0593, 51.1691**, and if you desaturate by 10%, it is **54.1880, 36.4998, 61.5735**.

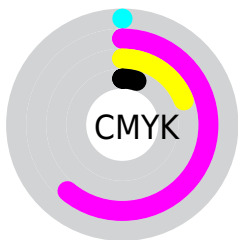
Distribution



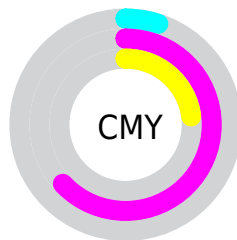
- Red (95%)
- Green (37%)
- Blue (77%)



- Red (95%)
- Yellow (37%)
- Blue (77%)



- Cyan (0%)
- Magenta (61%)
- Yellow (19%)
- Black (5%)





- Cyan (5%)
- Magenta (63%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7882, 31.0929, 56.1480 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 50.7882, 31.0929, 56.1480 by changing the saturation by 10% instead.


 50.7882, 31.0929,
56.1480


 50.7882, 31.0929,
56.1480

380.1416,
306.9661, 427.6530


 36.2604, 20.6696,
39.9168


 90.5265, 61.3863,
100.7089


 24.8064, 12.8827,
27.1604


 116.4677, 82.0252,
129.8757

 16.0609, 7.3478,
17.4602


 146.9441,
106.8381, 164.1914

 9.6584, 3.6806,
10.3977

 182.3211,
136.2093, 204.0746

 5.2336, 1.4965,
5.5544

222.9640,
170.5234, 249.9438

 2.4211, 0.2863,
2.5117

269.2381,

 0.8556, 0.0000,

210.1646, 302.2176

0.8464

321.5088,
255.5173, 361.3145

■ 0.0000, 0.0000,
0.0000

■ 50.7882, 31.0929,
56.1480

■ 50.7882, 31.0929,
56.1480

■ 48.1089, 27.0593,
51.1691

■ 54.1880, 36.4998,
61.5735

■ 46.0815, 24.2642,
46.6101

■ 58.3627, 43.3893,
67.4658

■ 44.6287, 22.5532,
42.4426

■ 63.3645, 51.8645,
73.8453

■ 43.6781, 21.7013,
38.8910

■ 69.2405, 62.0183,
80.7304

■ 76.0336, 73.9363,
88.1383

83.7844, 87.6981,
96.0850

89.4553, 97.2282,
103.5606

90.4282, 97.6174,
108.6837

Harmonies

Analogous

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



43.1612, 31.0929, 94.1659



50.7882, 31.0929, 56.1480



52.1015, 31.0929, 25.6652

Triad

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



50.7882, 31.0929, 56.1480



26.5346, 31.0929, 3.7414



17.3579, 31.0929, 80.8082

Complementary

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



50.7882, 31.0929, 56.1480



41.2067, 67.8316, 35.7350

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.



14.6791, 31.0929, 43.6241



50.7882, 31.0929, 56.1480



19.1556, 31.0929, 7.0832

Square

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



50.7882, 31.0929, 56.1480



36.5575, 31.0929, 4.3724



15.2557, 31.0929, 18.4157



23.5055, 31.0929, 113.0133

Rectangle

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



50.7882, 31.0929, 56.1480



48.9816, 31.0929, 13.6769



15.2557, 31.0929, 18.4157



16.0906, 31.0929, 67.8441

Sweetspot

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



50.7892, 31.0944, 56.1486



79.9345, 73.2578, 93.1057



30.7851, 20.0947, 86.2610



16.6562, 14.8895, 19.4214



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.



50.7892, 31.0944, 56.1486



53.5534, 29.5756, 56.3197



44.3749, 28.5287, 22.3716



16.2362, 15.9442, 18.8000



23.5279, 11.6836, 21.2283



2.0015, 0.9896, 1.9985

Inverse Universe

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



50.7892, 31.0944, 56.1486



53.5534, 29.5756, 56.3197



48.4322, 70.7219, 73.7843



16.2362, 15.9442, 18.8000



23.5279, 11.6836, 21.2283



2.0015, 0.9896, 1.9985

Previews

White Background



This preview shows how the XYZ color 50.7882, 31.0929, 56.1480 looks on a white background.

Color Contrast Check

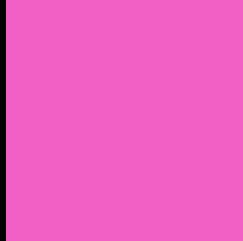
Large Text (above 18pt) WCAG AA × Fail

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 50.7882, 31.0929, 56.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

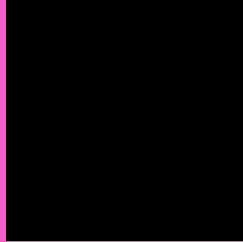
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7882, 31.0929, 56.1480

Background



This preview shows how black text looks on a background with the XYZ color 50.7882, 31.0929, 56.1480.



This preview shows how white text looks on a background with the XYZ color 50.7882, 31.0929,

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

50.7882, 31.0929, 56.1480

Protanopia

33.7986, 31.5784, 85.9752

Deuteranopia

32.1455, 31.4649, 52.5232



Tritanopia

43.7911, 31.1019, 22.1076

Trichromacy



Original Color

50.7882, 31.0929, 56.1480



Protanomaly

36.4091, 28.8689, 74.1743



Deuteranomaly

36.6561, 29.4514, 53.6219



Tritanomaly

45.9424, 30.8625, 31.9694

Monochromacy



Original Color

50.7882, 31.0929, 56.1480



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

34.9513, 29.2501, 40.8495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7882, 31.0929, 56.1480 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(242, 95, 197)` looks like.

```
.text, #text, p{  
    color:rgb(242, 95, 197)  
}
```

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(242, 95, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 95, 197) }
```

Border

The CSS property to change the border of an element to XYZ 50.7882, 31.0929, 56.1480 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(242, 95, 197) }
```


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

```
.border{ border-color:rgb(242, 95, 197) }
```

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

Here you see how a box with a 4 pixel rgb(242, 95, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 95, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 95, 197);  
box-shadow:4px 4px 4px 4px rgb(242, 95,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7882, 31.0929, 56.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 95, 197) }
```

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

```
.background{ background-color: rgb(242, 95,  
197) }
```

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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