

Converting Colors

XYZ(54.7072, 31.9506, 65.5604)

Have a look what the booklet for
XYZ(54.7072, 31.9506, 65.5604)
contains.

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Color

**XYZ(54.7977, 32.0569,
65.5868)**

Conversions

Conversions Part 1

Format	Color
Hex	FA58D4
RGB	250, 88, 212
RGB Percent	98%, 35%, 83%
CMY	0.0196, 0.6549, 0.1686
CMYK	0.00, 0.65, 0.15, 0.02
HSL	314°, 94%, 66%
HSV	314°, 65%, 98%
XYZ	54.7977, 32.0569, 65.5868
YIQ	150.5740, 56.7480, 72.9080

Conversions

Conversions Part 2

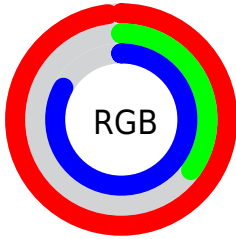
Format	Color
R _{YB}	250, 88, 212
Decimal	16406740
CIE Lab	63.39, 73.95, -32.03
CIE LCh	63, 80.585, 336.581
Yxy	32.0569, 0.3595, 0.2103
Android (android.graphics.Color)	4294596820 (0xFFFA58D4)
YUV	150.5740, 30.2830, 87.1966
Hunter-Lab	56.6188, 73.6757, -29.0479

Details

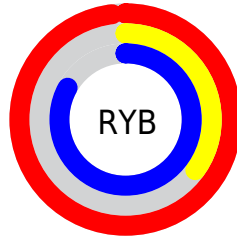
The XYZ color **54.7977, 32.0569, 65.5868** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **41.9776, 71.9534, 31.4176**, and the grayscale version is **29.0932, 30.6083, 33.3325**.

A 20% lighter version of the original color is **69.7237, 49.3474, 100.4579**, and **27.3536, 13.4466, 33.0520** is the 20% darker color. If you saturate the color by 10%, you get **52.3597, 28.3429, 61.1903**, and if you desaturate by 10%, it is **57.9679, 37.1912, 70.3605**.

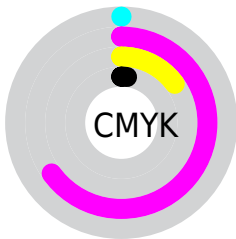
Distribution



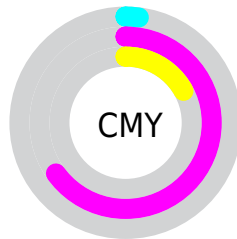
- Red (98%)
- Green (35%)
- Blue (83%)



- Red (98%)
- Yellow (35%)
- Blue (83%)



- Cyan (0%)
- Magenta (65%)
- Yellow (15%)
- Black (2%)




- Cyan (2%)
- Magenta (65%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7977, 32.0569, 65.5868 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 54.7977, 32.0569, 65.5868 by changing the saturation by 10% instead.


 54.7977, 32.0569,
65.5868

 54.7977, 32.0569,
65.5868


395.2935,
311.3784, 463.2615


 39.4730, 21.4050,
47.4827

 96.3945, 62.9003,
114.5144


 27.3103, 13.4203,
33.0603

 123.3974, 83.8605,
146.1750

 17.9442, 7.7186,
21.9012


 155.0236,
109.0256, 183.1915

 11.0093, 3.9154,
13.5867

 191.6386,
138.7800, 225.9824

 6.1405, 1.6264,
7.6983

233.6078,
173.5081, 274.9664

 2.9722, 0.3753,
3.8175

281.2964,

 1.1391, 0.0000,

213.5943, 330.5618

1.5258

335.0699,
259.4229, 393.1874

■ 0.0574, 0.0000,
0.2370

■ 0.0000, 0.0000,
0.0000

■ 54.7977, 32.0569,
65.5868

■ 54.7977, 32.0569,
65.5868

■ 52.3597, 28.3429,
61.1903

■ 57.9679, 37.1912,
70.3605

■ 50.5751, 25.8937,
57.1425

■ 61.9322, 43.8707,
75.5326

■ 49.3520, 24.5255,
53.4117

■ 66.7493, 52.2120,
81.1243

■ 48.8678, 24.1014,
51.5720

■ 72.4715, 62.3191,
87.1543

79.1466, 74.2873,
93.6398

86.8192, 88.2054,
100.5971

92.9226, 98.9393,
107.1718

93.2346, 99.0641,
108.8150

Harmonies

Analogous

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



45.1824, 32.0569, 111.5006



54.7977, 32.0569, 65.5868



57.2458, 32.0569, 28.3048

Triad

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



54.7977, 32.0569, 65.5868



28.0679, 32.0569, 2.4974



16.2463, 32.0569, 86.0432

Complementary

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



54.7977, 32.0569, 65.5868



41.9776, 71.9534, 31.4176

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.



13.6976, 32.0569, 42.4578



54.7977, 32.0569, 65.5868



19.3567, 32.0569, 5.1157

Square

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



54.7977, 32.0569, 65.5868



39.8502, 32.0569, 3.3922



14.6774, 32.0569, 15.6886



22.6895, 32.0569, 127.5394

Rectangle

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



54.7977, 32.0569, 65.5868



54.0585, 32.0569, 13.9478



14.6774, 32.0569, 15.6886



14.9882, 32.0569, 70.3956

Sweetspot

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



54.7988, 32.0585, 65.5874



79.7176, 72.1774, 95.0274



29.3216, 18.3040, 92.4307



16.6391, 14.6899, 19.9260



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.



54.7988, 32.0585, 65.5874



54.0863, 28.6690, 62.5783



47.0258, 28.9493, 24.6554



17.8087, 17.4508, 20.8482



25.9793, 12.8074, 27.6629



2.4467, 1.2024, 2.7760

Inverse Universe

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



54.7988, 32.0585, 65.5874



54.0863, 28.6690, 62.5783



49.4495, 74.9422, 70.7642



17.8087, 17.4508, 20.8482



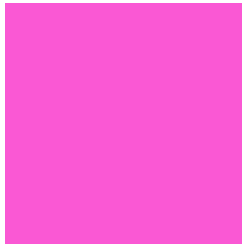
25.9793, 12.8074, 27.6629



2.4467, 1.2024, 2.7760

Previews

White Background



This preview shows how the XYZ color 54.7977, 32.0569, 65.5868 looks on a white background.

Color Contrast Check

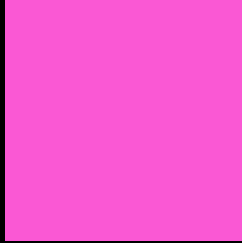
Large Text (above 18pt) WCAG AA × Fail

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 54.7977, 32.0569, 65.5868 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 54.7977, 32.0569, 65.5868

Background



This preview shows how black text looks on a background with the XYZ color 54.7977, 32.0569, 65.5868.



This preview shows how white text looks on a background with the XYZ color 54.7977, 32.0569,

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

54.7977, 32.0569, 65.5868

Protanopia

35.5119, 32.4122, 98.9922

Deuteranopia

32.8826, 32.1483, 60.3493



Tritanopia

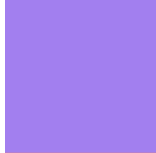
45.6319, 31.8915, 21.8398

Trichromacy



Original Color

54.7977, 32.0569, 65.5868



Protanomaly

38.0697, 29.0921, 85.2702



Deuteranomaly

37.9158, 29.7183, 62.1303



Tritanomaly

48.0913, 31.4668, 34.1109

Monochromacy



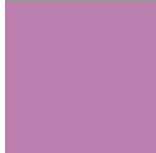
Original Color

54.7977, 32.0569, 65.5868



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

35.7555, 29.0203, 43.2521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7977, 32.0569, 65.5868 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(250, 88, 212)` looks like.

```
.text, #text, p{  
    color:rgb(250, 88, 212)  
}
```

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(250, 88, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 88, 212) }
```

Border

The CSS property to change the border of an element to XYZ 54.7977, 32.0569, 65.5868 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(250, 88, 212) }
```


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

```
.border{ border-color:rgb(250, 88, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 88, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 88, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 88, 212);  
box-shadow:4px 4px 4px 4px rgb(250, 88,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7977, 32.0569, 65.5868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 88, 212) }
```

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

```
.background{ background-color: rgb(250, 88,  
212) }
```

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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