

Converting Colors

XYZ(51.9846, 27.8756, 71.0472)

Have a look what the booklet for
XYZ(51.9846, 27.8756, 71.0472)
contains.

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Color

**XYZ(52.0820, 27.8988,
71.0466)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F43EDD |
| RGB | 244, 62, 221 |
| RGB Percent | 96%, 24%, 87% |
| CMY | 0.0431, 0.7568, 0.1333 |
| CMYK | 0.00, 0.75, 0.09, 0.04 |
| HSL | 308°, 89%, 60% |
| HSV | 308°, 75%, 96% |
| XYZ | 52.0820, 27.8988, 71.0466 |
| YIQ | 134.5440, 57.4330, 88.0330 |

Conversions

Conversions Part 2

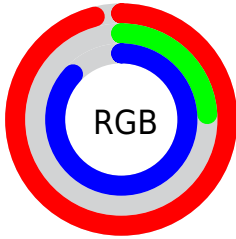
| Format | Color |
|-------------------------------------|--|
| RYB | 244, 62, 221 |
| Decimal | 16006877 |
| CIELab | 59.80, 82.44, -42.79 |
| CIELCh | 60, 92.883, 332.572 |
| Yxy | 27.8988, 0.3449, 0.1847 |
| Android (android.graphics.Color) | 4294196957 (0xFFFF43EDD) |
| YUV | 134.5440, 42.6228, 95.9929 |
| Hunter-Lab | 52.8193, 83.5745, -42.7767 |

Details

The XYZ color **52.0820, 27.8988, 71.0466** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **35.9784, 66.3826, 19.5135**, and the grayscale version is **22.6952, 23.8771, 26.0021**.

A 20% lighter version of the original color is **66.8794, 43.6587, 99.5098**, and **26.5587, 12.9070, 36.6888** is the 20% darker color. If you saturate the color by 10%, you get **50.6333, 25.6523, 68.5553**, and if you desaturate by 10%, it is **54.1352, 31.3410, 73.7771**.

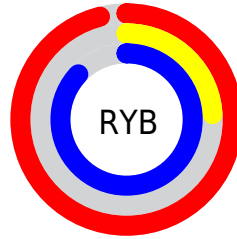
Distribution



Red (96%)

Green (24%)

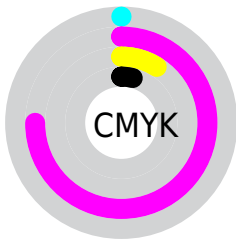
Blue (87%)



Red (96%)

Yellow (24%)

Blue (87%)

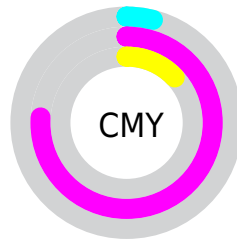


Cyan (0%)

Magenta (75%)

Yellow (9%)

Black (4%)



Cyan (4%)


Magenta (76%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0820, 27.8988, 71.0466 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 52.0820, 27.8988, 71.0466 by changing the saturation by 10% instead.


 52.0820, 27.8988,
71.0466


 52.0820, 27.8988,
71.0466

385.0719,
291.9830, 483.1044


 37.2950, 18.2494,
51.8982


 92.4257, 56.3228,
122.3952


 25.6107, 11.1292,
36.5422


 118.7130, 75.8662,
155.4323


 16.6638, 6.1538,
24.5603


 149.5645, 99.4764,
193.9362

 10.0889, 2.9388,
15.5337

 185.3456,
127.5378, 238.3253

 5.5206, 1.0999,
9.0440

 226.4214,
160.4348, 289.0181

 2.5937, 0.0000,
4.6727

273.1576,

 0.9428, 0.0000,

198.5517, 346.4332

2.0012

325.9192,
242.2730, 410.9891

■ 0.0000, 0.0000,
0.5560

■ 0.0000, 0.0000,
0.0000

■ 52.0820, 27.8988,
71.0466

■ 52.0820, 27.8988,
71.0466

■ 50.6333, 25.6523,
68.5553

■ 54.1352, 31.3410,
73.7771


■ 49.6995, 24.4243,
66.2724


■ 56.8607, 36.1162,
76.7689

■ 49.3396, 24.0457,
65.1004


■ 60.3203, 42.3474,
80.0431


■ 64.5680, 50.1426,
83.6177

 69.6527, 59.5993,
87.5094

 75.6193, 70.8075,
91.7332

 82.5094, 83.8504,
96.3033

 89.6526, 97.3869,
100.9963

 90.1292, 97.5775,
103.5059

Harmonies

Analogous

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



40.6509, 27.8988, 124.1799



52.0820, 27.8988, 71.0466



56.1342, 27.8988, 27.5624

Triad

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



52.0820, 27.8988, 71.0466



25.5151, 27.8988, 0.7208



11.6596, 27.8988, 80.2903

Complementary

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



52.0820, 27.8988, 71.0466



35.9784, 66.3826, 19.5135

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.



9.7330, 27.8988, 33.3770



52.0820, 27.8988, 71.0466



16.1100, 27.8988, 1.9595

Square

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



52.0820, 27.8988, 71.0466



38.3585, 27.8988, 1.5282



11.0826, 27.8988, 9.2434



17.4040, 27.8988, 131.7595

Rectangle

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



52.0820, 27.8988, 71.0466



53.3626, 27.8988, 11.6813



11.0826, 27.8988, 9.2434



10.6360, 27.8988, 62.6378

Sweetspot

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



52.0830, 27.9002, 71.0471



78.5697, 68.8326, 97.8786



21.6412, 11.8281, 86.7313



16.4556, 14.0562, 20.6867



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.



52.0830, 27.9002, 71.0471



55.3252, 27.4675, 74.3337



43.1812, 24.3394, 24.1707



17.1182, 16.7301, 20.3690



26.8633, 13.0888, 35.5844



2.3857, 1.1603, 3.2577

Inverse Universe

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



52.0830, 27.9002, 71.0471



55.3252, 27.4675, 74.3337



42.0015, 68.7918, 51.2306



17.1182, 16.7301, 20.3690



26.8633, 13.0888, 35.5844



2.3857, 1.1603, 3.2577

Previews

White Background



This preview shows how the XYZ color 52.0820, 27.8988, 71.0466 looks on a white background.

Color Contrast Check

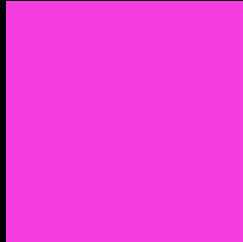
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.0820, 27.8988, 71.0466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

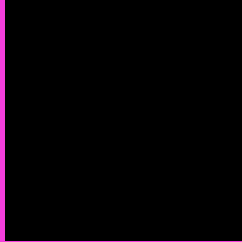
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 52.0820, 27.8988, 71.0466

Background



This preview shows how black text looks on a background with the XYZ color 52.0820, 27.8988, 71.0466.



This preview shows how white text looks on a background with the XYZ color 52.0820, 27.8988,

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

52.0820, 27.8988, 71.0466

Protanopia

31.7913, 28.4434, 98.4223

Deuteranopia

28.8023, 28.0999, 64.2274



Tritanopia

40.9647, 27.7137, 17.3776

Trichromacy



Original Color

52.0820, 27.8988, 71.0466



Protanomaly

33.8259, 24.1704, 87.6766



Deuteranomaly

33.3374, 24.7312, 65.9673



Tritanomaly

43.7581, 26.9908, 31.3372

Monochromacy



Original Color

52.0820, 27.8988, 71.0466



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

29.9247, 22.5923, 38.8599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0820, 27.8988, 71.0466 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(244, 62, 221)` looks like.

```
.text, #text, p{  
    color:rgb(244, 62, 221)  
}
```

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(244, 62, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 62, 221) }
```

Border

The CSS property to change the border of an element to XYZ 52.0820, 27.8988, 71.0466 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(244, 62, 221) }
```


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

```
.border{ border-color:rgb(244, 62, 221) }
```

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

Here you see how a box with a 4 pixel rgb(244, 62, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 62, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 62, 221);  
box-shadow:4px 4px 4px 4px rgb(244, 62,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0820, 27.8988, 71.0466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 62, 221) }
```

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

```
.background{ background-color: rgb(244, 62,  
221) }
```

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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