

Converting Colors

XYZ(54.6961, 30.5123,
132.4486)

Have a look what the booklet for
XYZ(54.6961, 30.5123, 132.4486)
contains.

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Color

**XYZ(48.1181, 27.9011,
97.4571)**

Conversions

Conversions Part 1

Format	Color
Hex	D258FF
RGB	210, 88, 255
RGB Percent	82%, 35%, 100%
CMY	0.1765, 0.6549, 0.0000
CMYK	0.18, 0.65, 0.00, 0.00
HSL	284°, 100%, 67%
HSV	284°, 65%, 100%
XYZ	48.1181, 27.9011, 97.4571
YIQ	143.5160, 19.1050, 77.8010

Conversions

Conversions Part 2

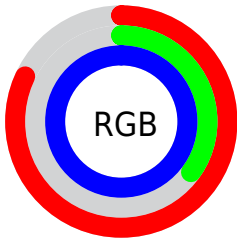
Format	Color
R _Y B	210, 88, 255
Decimal	13785343
CIE _{Lab}	59.80, 71.78, -62.06
CIE _{LCh}	60, 94.884, 319.155
Yxy	27.9011, 0.2774, 0.1608
Android (android.graphics.Color)	4291975423 (0xFFD258FF)
YUV	143.5160, 54.9616, 58.3065
Hunter-Lab	52.8215, 70.1682, -72.4166

Details

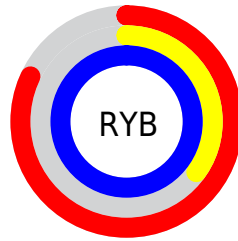
The XYZ color **48.1181, 27.9011, 97.4571** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **47.1948, 77.2113, 21.6493**, and the grayscale version is **26.0974, 27.4565, 29.9002**.

A 20% lighter version of the original color is **69.4154, 48.7308, 100.3551**, and **23.0907, 11.1108, 53.7509** is the 20% darker color. If you saturate the color by 10%, you get **44.4647, 23.4354, 96.7877**, and if you desaturate by 10%, it is **52.5893, 33.8755, 98.3746**.

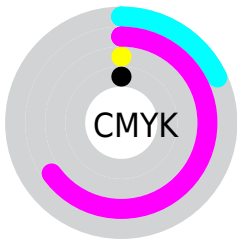
Distribution



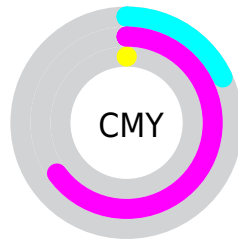
- Red (82%)
- Green (35%)
- Blue (100%)



- Red (82%)
- Yellow (35%)
- Blue (100%)



- Cyan (18%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1181, 27.9011, 97.4571 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 48.1181, 27.9011, 97.4571 by changing the saturation by 10% instead.


 48.1181, 27.9011,
97.4571

 48.1181, 27.9011,
97.4571


369.8349,
291.9940, 573.1856

 34.1321, 18.2511,
73.5736


 86.5888, 56.3265,
159.6795


 23.1584, 11.1304,
53.9504


 111.8043, 75.8707,
198.8555

 14.8319, 6.1546,
38.1691


 141.4935, 99.4818,
243.9660

 8.7870, 2.9393,
25.8111

 176.0220,
127.5441, 295.4295

 4.6585, 1.1001,
16.4579

215.7550,
160.4421, 353.6648

 2.0810, 0.0000,
9.6909

261.0579,

 0.6789, 0.0000,

198.5602, 419.0902

5.0916

312.2961,
242.2827, 492.1243

■ 0.0000, 0.0000,
2.2414

■ 0.0000, 0.0000,
0.6981

■ 48.1181, 27.9011,
97.4571

■ 48.1181, 27.9011,
97.4571

■ 44.4647, 23.4354,
96.7877

■ 52.5893, 33.8755,
98.3746

■ 41.5445, 20.3142,
96.3391

■ 57.9447, 41.4930,
99.5627

■ 39.2586, 18.3398,
96.0785

■ 64.2470, 50.8768,
101.0418

■ 38.3702, 17.6954,
96.0010

■ 71.5522, 62.1372,
102.8302

■ 79.9116, 75.3753,
104.9448

■ 89.3727, 90.6849,
107.4012

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.



34.8455, 27.9011, 145.5545



48.1181, 27.9011, 97.4571



56.2985, 27.9011, 44.6081

Triad

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



48.1181, 27.9011, 97.4571



31.1083, 27.9011, 0.6931



10.1338, 27.9011, 57.6740

Complementary

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



48.1181, 27.9011, 97.4571



47.1948, 77.2113, 21.6493

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.



9.6843, 27.9011, 19.5526



48.1181, 27.9011, 97.4571



19.6376, 27.9011, 0.9418

Square

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



48.1181, 27.9011, 97.4571



44.6817, 27.9011, 2.7826



12.5997, 27.9011, 4.4001



14.0968, 27.9011, 112.9602

Rectangle

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



48.1181, 27.9011, 97.4571



56.4943, 27.9011, 21.0212



12.5997, 27.9011, 4.4001



9.6239, 27.9011, 42.1701

Sweetspot

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



48.1192, 27.9022, 97.4572



76.0066, 69.1519, 103.9494



30.7836, 26.7122, 98.1412



15.7717, 14.0163, 22.1241



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.



48.1192, 27.9022, 97.4572



43.3602, 22.1952, 96.6065



57.4923, 33.3450, 70.2981



18.2872, 18.0398, 22.7681



20.1992, 9.3235, 50.1696



2.0710, 0.9616, 4.8897

Inverse Universe

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



48.9638, 29.9337, 25.3880



45.2361, 24.9358, 16.5691



43.4348, 75.0549, 31.3285



18.2104, 18.0675, 19.7250



22.1581, 11.3526, 4.2173



2.2007, 1.1227, 0.6383

Previews

White Background



This preview shows how the XYZ color 48.1181, 27.9011, 97.4571 looks on a white background.

Color Contrast Check

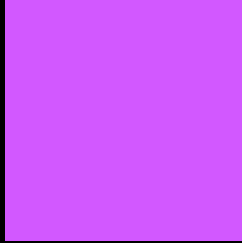
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.1181, 27.9011, 97.4571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

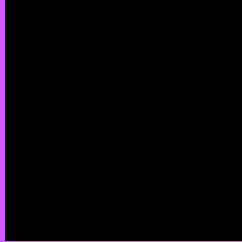
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 48.1181, 27.9011, 97.4571

Background



This preview shows how black text looks on a background with the XYZ color 48.1181, 27.9011, 97.4571.



This preview shows how white text looks on a background with the XYZ color 48.1181, 27.9011,

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

48.1181, 27.9011, 97.4571

Protanopia

31.6947, 28.3936, 98.4178

Deuteranopia

29.1270, 28.1602, 89.4882



Tritanopia

33.4450, 27.6230, 26.4907

Trichromacy



Original Color

48.1181, 27.9011, 97.4571



Protanomaly

34.6824, 26.1256, 97.8225



Deuteranomaly

32.1770, 25.3302, 92.0002



Tritanomaly

37.4840, 26.9851, 45.8808

Monochromacy



Original Color

48.1181, 27.9011, 97.4571



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

32.0078, 26.2008, 48.7177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1181, 27.9011, 97.4571 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(210, 88, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 88, 255)  
}
```

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(210, 88, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 88, 255) }
```

Border

The CSS property to change the border of an element to XYZ 48.1181, 27.9011, 97.4571 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(210, 88, 255) }
```


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

```
.border{ border-color:rgb(210, 88, 255) }
```

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

Here you see how a box with a 4 pixel rgb(210, 88, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 88, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 88, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 88,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1181, 27.9011, 97.4571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 88, 255) }
```

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

```
.background{ background-color: rgb(210, 88,  
255) }
```

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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