

Converting Colors

XYZ(44.8847, 28.1233, 95.4224)

Have a look what the booklet for
XYZ(44.8847, 28.1233, 95.4224)
contains.

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Color

**XYZ(44.8277, 28.1331,
95.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	C366FC
RGB	195, 102, 252
RGB Percent	76%, 40%, 99%
CMY	0.2353, 0.6000, 0.0118
CMYK	0.23, 0.60, 0.00, 0.01
HSL	277°, 96%, 69%
HSV	277°, 60%, 99%
XYZ	44.8277, 28.1331, 95.1630
YIQ	146.9070, 7.2780, 66.3660

Conversions

Conversions Part 2

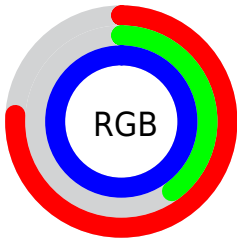
Format	Color
R_{YB}	195, 102, 252
Decimal	12805884
CIE _{Lab}	60.01, 61.58, -60.17
CIE _{LCh}	60, 86.093, 315.662
Yxy	28.1331, 0.2666, 0.1673
Android (android.graphics.Color)	4290995964 (0xFFC366FC)
YUV	146.9070, 51.8108, 42.1776
Hunter-Lab	53.0406, 58.0395, -69.2468

Details

The XYZ color **44.8277, 28.1331, 95.1630** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **51.5074, 77.9516, 24.9027**, and the grayscale version is **27.4866, 28.9181, 31.4918**.

A 20% lighter version of the original color is **71.3470, 52.5939, 100.9990**, and **21.1834, 11.2915, 52.6928** is the 20% darker color. If you saturate the color by 10%, you get **40.3217, 22.6761, 94.3477**, and if you desaturate by 10%, it is **50.2472, 35.1790, 96.2378**.

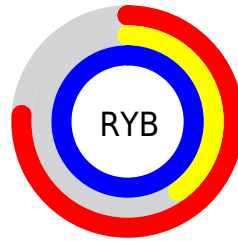
Distribution



Red (76%)

Green (40%)

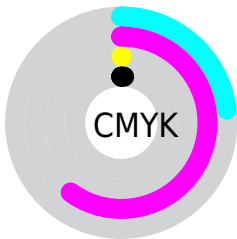
Blue (99%)



Red (76%)

Yellow (40%)

Blue (99%)

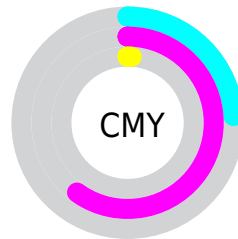


Cyan (23%)

Magenta (60%)

Yellow (0%)

Black (1%)



Cyan (24%)

Magenta (60%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.8277, 28.1331, 95.1630 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 44.8277, 28.1331, 95.1630 by changing the saturation by 10% instead.


 44.8277, 28.1331,
95.1630

 44.8277, 28.1331,
95.1630

356.8707,
293.1024, 565.6843

 31.5224, 18.4260,
71.6730

 81.7005, 56.6969,
156.4873


 21.1508, 11.2563,
52.4064


 105.9987, 76.3224,
195.1587

 13.3473, 6.2395,
36.9446


 134.6919,
100.0227, 239.7276

 7.7468, 2.9912,
24.8692

 168.1455,
128.1825, 290.6126

 3.9838, 1.1272,
15.7615

206.7248,
161.1859, 348.2323

 1.6930, 0.0010,
9.2030

250.7952,

 0.4519, 0.0000,

199.4174, 413.0051

4.7752

300.7221,
243.2614, 485.3496

■ 0.0000, 0.0000,
2.0596

■ 0.0000, 0.0000,
0.5915

■ 44.8277, 28.1331,
95.1630

■ 44.8277, 28.1331,
95.1630

■ 40.3217, 22.6761,
94.3477

■ 50.2472, 35.1790,
96.2378

■ 36.6520, 18.6618,
93.7663

■ 56.6413, 43.9354,
97.5910

■ 33.7328, 15.9219,
93.3913

■ 64.0693, 54.5158,
99.2417

■ 31.4299, 14.1923,
93.1788

■ 72.5847, 67.0227,
101.2070

■ 31.3280, 14.1204,
93.1703

■ 82.2366, 81.5509,
103.5025

■ 93.0713, 98.1886,
106.1429

■ 94.5708, 99.8083,
106.3765

Harmonies

Analogous

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



32.8435, 28.1331, 133.2860



44.8277, 28.1331, 95.1630



52.8039, 28.1331, 48.1475

Triad

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



44.8277, 28.1331, 95.1630



32.3072, 28.1331, 1.4714



11.1449, 28.1331, 49.9908

Complementary

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



44.8277, 28.1331, 95.1630



51.5074, 77.9516, 24.9027

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.



11.0748, 28.1331, 17.9817



44.8277, 28.1331, 95.1630



21.4432, 28.1331, 1.5196

Square

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



44.8277, 28.1331, 95.1630



44.3437, 28.1331, 4.5639



14.3189, 28.1331, 4.8466



14.5471, 28.1331, 97.2771

Rectangle

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



44.8277, 28.1331, 95.1630



53.6804, 28.1331, 25.0541



14.3189, 28.1331, 4.8466



10.7699, 28.1331, 36.9822

Sweetspot

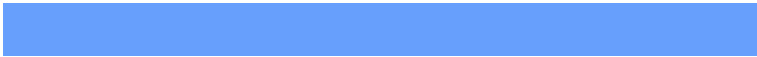
The Sweet Spot groups the original color and five complimentary colors.



44.8289, 28.1342, 95.1636



75.9868, 70.9708, 104.3015



35.5354, 34.8227, 96.9445



15.6828, 14.3255, 22.1885



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.



44.8289, 28.1342, 95.1636



40.7943, 22.5753, 96.8151



59.8202, 36.1683, 82.0481



17.3168, 17.1759, 21.7879



16.4883, 7.4427, 48.5411



1.6450, 0.7501, 4.5013

Inverse Universe

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



51.1549, 32.7022, 36.4175



48.6243, 28.1264, 28.7527



43.6505, 73.7902, 29.5539



17.5175, 17.3344, 19.3149



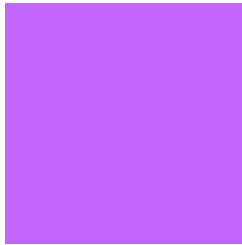
22.0720, 11.2445, 7.0876



2.0940, 1.0614, 0.9186

Previews

White Background



This preview shows how the XYZ color 44.8277, 28.1331, 95.1630 looks on a white background.

Color Contrast Check

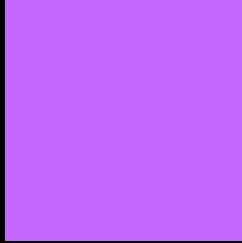
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.8277, 28.1331, 95.1630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

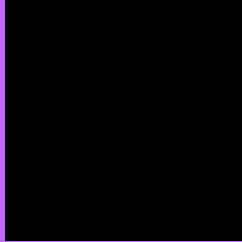
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.8277, 28.1331, 95.1630

Background



This preview shows how black text looks on a background with the XYZ color 44.8277, 28.1331, 95.1630.



This preview shows how white text looks on a background with the XYZ color 44.8277, 28.1331,

95.1630.

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

44.8277, 28.1331, 95.1630

Protanopia

31.8893, 28.4939, 98.4269

Deuteranopia

29.4370, 28.5653, 88.7562



Tritanopia

31.3407, 27.8328, 29.7070

Trichromacy



Original Color

44.8277, 28.1331, 95.1630



Protanomaly

34.5320, 27.0016, 97.1577



Deuteranomaly

32.2249, 26.5410, 90.6133



Tritanomaly

35.1518, 27.2840, 48.2134

Monochromacy



Original Color

44.8277, 28.1331, 95.1630



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

32.1831, 27.6279, 49.5354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8277, 28.1331, 95.1630 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(195, 102, 252)` looks like.

```
.text, #text, p{  
    color:rgb(195, 102, 252)  
}
```

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(195, 102, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 102, 252) }
```

Border

The CSS property to change the border of an element to XYZ 44.8277, 28.1331, 95.1630 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(195, 102, 252) }
```


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

```
.border{ border-color:rgb(195, 102, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 102, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 102, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 102, 252);  
box-shadow:4px 4px 4px 4px rgb(195, 102,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8277, 28.1331, 95.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 102, 252) }
```

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

```
.background{ background-color: rgb(195,  
102, 252) }
```

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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