

Converting Colors

XYZ(57.6704, 45.2955,
100.3111)

Have a look what the booklet for
XYZ(57.6704, 45.2955, 100.3111)
contains.

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Color

**XYZ(57.6700, 45.2931,
100.3106)**

Conversions

Conversions Part 1

Format	Color
Hex	D69CFF
RGB	214, 156, 255
RGB Percent	84%, 61%, 100%
CMY	0.1608, 0.3882, 0.0000
CMYK	0.16, 0.39, 0.00, 0.00
HSL	275°, 100%, 81%
HSV	275°, 39%, 100%
XYZ	57.6700, 45.2931, 100.3106
YIQ	184.6280, 2.7890, 43.0850

Conversions

Conversions Part 2

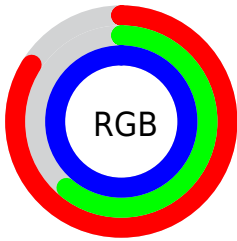
Format	Color
RYB	214, 156, 255
Decimal	14064895
CIELab	73.08, 39.31, -41.01
CIELCh	73, 56.808, 313.783
Yxy	45.2931, 0.2837, 0.2228
Android (android.graphics.Color)	4292254975 (0xFFD69CFF)
YUV	184.6280, 34.6934, 25.7592
Hunter-Lab	67.3001, 35.1827, -41.2614

Details

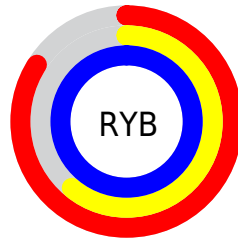
The XYZ color **57.6700, 45.2931, 100.3106** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **64.7876, 85.7910, 44.5991**, and the grayscale version is **45.7215, 48.1026, 52.3837**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **29.2439, 21.2469, 55.9858** is the 20% darker color. If you saturate the color by 10%, you get **50.8490, 36.0784, 98.8915**, and if you desaturate by 10%, it is **65.5918, 56.4106, 102.0390**.

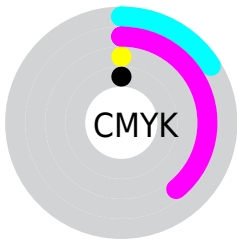
Distribution



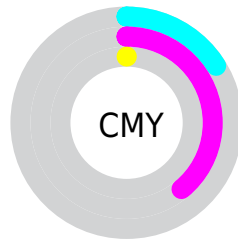
- Red (84%)
- Green (61%)
- Blue (100%)



- Red (84%)
- Yellow (61%)
- Blue (100%)



- Cyan (16%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6700, 45.2931, 100.3106 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 57.6700, 45.2931, 100.3106 by changing the saturation by 10% instead.


 57.6700, 45.2931,
100.3106


 57.6700, 45.2931,
100.3106


405.9289,
367.9593, 582.4432

 41.7856, 31.6884,
75.9416

 100.5679, 83.1601,
163.6395

 29.1239, 21.1236,
55.8783


 128.3121,
108.1911, 203.4366

 19.3193, 13.2144,
39.7020


160.7403,
137.7996, 249.2134

 12.0066, 7.5763,
26.9943

198.2179,
172.3701, 301.3886

 6.8204, 3.8251,
17.3365

241.1102,
212.2869, 360.3806

 3.3954, 1.5762,
10.3102

289.7825,

 1.3661, 0.3415,

257.9345, 426.6080

5.4968

344.6003,
309.6971, 500.4894

■ 0.2319, 0.0000,
2.4778

■ 0.0000, 0.0000,
0.8284

■ 57.6700, 45.2931,
100.3106

■ 57.6700, 45.2931,
100.3106

■ 50.8490, 36.0784,
98.8915

■ 65.5918, 56.4106,
102.0390

■ 45.0641, 28.6459,
97.7618

■ 74.6656, 69.5309,
104.0933

■ 40.2498, 22.8692,
96.9005

■ 84.9440, 84.7533,
106.4897

■ 36.3301, 18.6023,
96.2835

95.0500, 100.0000,
108.9000

■ 33.2156, 15.6725,
95.8822

■ 30.7783, 13.8301,
95.6550

■ 30.5167, 13.6468,
95.6334

Harmonies

Analogous

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



47.7644, 45.2931, 123.8372



57.6700, 45.2931, 100.3106



64.1261, 45.2931, 66.2310

Triad

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



57.6700, 45.2931, 100.3106



48.6092, 45.2931, 13.2245



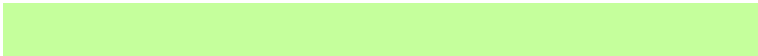
27.0317, 45.2931, 63.5365

Complementary

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



57.6700, 45.2931, 100.3106



64.7876, 85.7910, 44.5991

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.



27.1859, 45.2931, 35.5589



57.6700, 45.2931, 100.3106



38.6560, 45.2931, 12.9760

Square

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



57.6700, 45.2931, 100.3106



58.3699, 45.2931, 20.3167



31.1362, 45.2931, 19.4205



30.6763, 45.2931, 97.6961

Rectangle

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



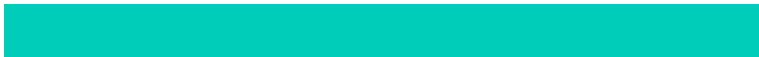
57.6700, 45.2931, 100.3106



65.0679, 45.2931, 45.7931



31.1362, 45.2931, 19.4205



26.6605, 45.2931, 53.0161

Sweetspot

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



57.6715, 45.2949, 100.3109



81.5437, 79.6818, 105.6901



51.7848, 54.3357, 102.3662



17.1624, 16.6226, 22.5539



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.



57.6715, 45.2949, 100.3109



52.0128, 37.6211, 99.1280



69.8792, 51.7384, 94.0973



18.0229, 17.9035, 22.7558



16.1195, 7.2204, 49.9787



1.6938, 0.7671, 4.8721

Inverse Universe

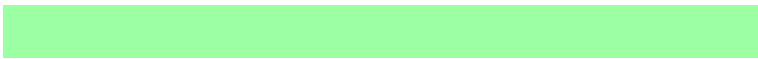
The Inverse Universe completely reimagines the original color for something new.



63.2075, 49.0697, 58.9646



58.6591, 42.1235, 50.8186



56.1950, 81.2779, 47.9688



18.3213, 18.1118, 20.3092



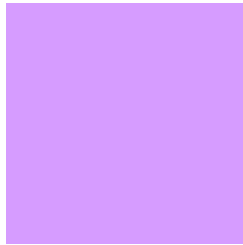
22.9675, 11.6763, 8.4793



2.2891, 1.1580, 1.1038

Previews

White Background



This preview shows how the XYZ color 57.6700, 45.2931, 100.3106 looks on a white background.

Color Contrast Check

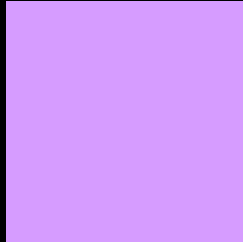
Large Text (above 18pt) WCAG AA × Fail

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 57.6700, 45.2931, 100.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

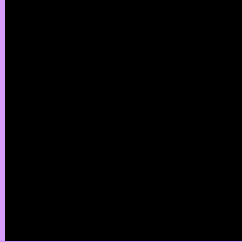
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6700, 45.2931, 100.3106

Background



This preview shows how black text looks on a background with the XYZ color 57.6700, 45.2931, 100.3106.



This preview shows how white text looks on a background with the XYZ color 57.6700, 45.2931,

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

57.6700, 45.2931, 100.3106

Protanopia

47.0986, 45.5343, 100.9144

Deuteranopia

46.8506, 45.7744, 97.6328



Tritanopia

47.8432, 45.2830, 51.5663

Trichromacy



Original Color

57.6700, 45.2931, 100.3106



Protanomaly

50.1425, 44.8260, 100.6172



Deuteranomaly

49.8499, 45.0078, 98.1555



Tritanomaly

51.0012, 45.1910, 67.0074

Monochromacy



Original Color

57.6700, 45.2931, 100.3106



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.5339, 46.6610, 67.3685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6700, 45.2931, 100.3106 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(214, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 156, 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(214, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 156, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.6700, 45.2931, 100.3106 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(214, 156, 255) }
```


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

```
.border{ border-color:rgb(214, 156, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 156, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 156, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 156, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 156,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6700, 45.2931, 100.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 156, 255) }
```

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

```
.background{ background-color: rgb(214,  
156, 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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