

Converting Colors

XYZ(56.7862, 45.3671,
100.3715)

Have a look what the booklet for
XYZ(56.7862, 45.3671, 100.3715)
contains.

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Color

**XYZ(56.8552, 45.3754,
100.3695)**

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | D29EFF |
| RGB | 210, 158, 255 |
| RGB Percent | 82%, 62%, 100% |
| CMY | 0.1765, 0.3804, 0.0000 |
| CMYK | 0.18, 0.38, 0.00, 0.00 |
| HSL | 272°, 100%, 81% |
| HSV | 272°, 38%, 100% |
| XYZ | 56.8552, 45.3754, 100.3695 |
| YIQ | 184.6060, -0.1450, 41.1910 |

Conversions

Conversions Part 2

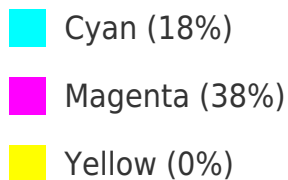
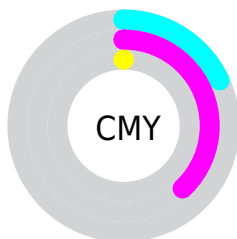
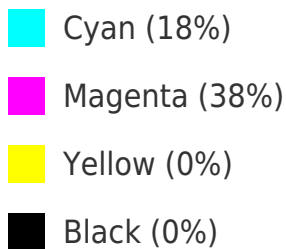
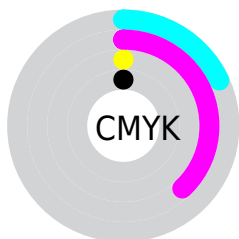
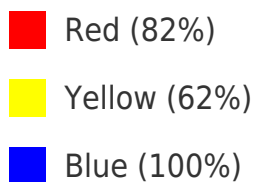
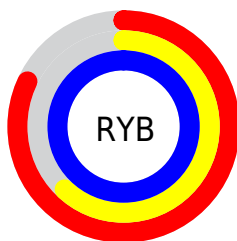
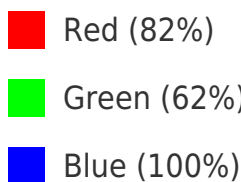
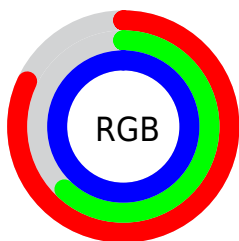
| Format | Color |
|-------------------------------------|--|
| RYB | 210, 158, 255 |
| Decimal | 13803263 |
| CIELab | 73.14, 37.07, -40.96 |
| CIELCh | 73, 55.244, 312.149 |
| Yxy | 45.3754, 0.2806, 0.2240 |
| Android (android.graphics.Color) | 4291993343 (0xFFD29EFF) |
| YUV | 184.6060, 34.7042, 22.2705 |
| Hunter-Lab | 67.3613, 32.7779, -41.1903 |

Details

The XYZ color **56.8552, 45.3754, 100.3695** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.5610, 86.6855, 45.5736**, and the grayscale version is **45.7104, 48.0909, 52.3710**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **28.6735, 21.2553, 56.0175** is the 20% darker color. If you saturate the color by 10%, you get **49.7041, 35.8889, 98.9153**, and if you desaturate by 10%, it is **65.1605, 56.7985, 102.1366**.


Distribution




Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8552, 45.3754, 100.3695 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 56.8552, 45.3754, 100.3695 by changing the saturation by 10% instead.

 56.8552, 45.3754,
100.3695


 56.8552, 45.3754,
100.3695


402.9295,
368.2918, 582.6335

 41.1287, 31.7532,
75.9906

 99.3865, 83.2835,
163.7212

 28.6078, 21.1731,
55.9182

 126.9219,
108.3381, 203.5310

 18.9271, 13.2506,
39.7338


159.1244,
137.9724, 249.3215

 11.7213, 7.6013,
27.0188

196.3592,
172.5707, 301.5112

 6.6250, 3.8409,
17.3548

238.9918,
212.5174, 360.5188

 3.2730, 1.5850,
10.3231


287.3875,


 1.2997, 0.3474,


258.1969, 426.7626


5.5053


341.9116,
309.9935, 500.6613


 0.1830, 0.0000,
2.4828


 0.0000, 0.0000,
0.8310


 56.8552, 45.3754,
100.3695

 56.8552, 45.3754,
100.3695

 49.7041, 35.8889,
98.9153


 65.1605, 56.7985,
102.1366

 43.6413, 28.2184,
97.7543


 74.6723, 70.2583,
104.2333


 38.6002, 22.2378,
96.8656


 85.4446, 85.8543,
106.6759

 34.5039, 17.8019,
96.2253

95.0500, 100.0000,
108.9000

 31.2625, 14.7396,
95.8051

 28.7558, 12.8197,
95.5666

 28.3178, 12.5132,
95.5305

Harmonies

Analogous

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



47.1627, 45.3754, 121.9388



56.8552, 45.3754, 100.3695



63.3698, 45.3754, 67.6042

Triad

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



56.8552, 45.3754, 100.3695



49.0858, 45.3754, 14.0654



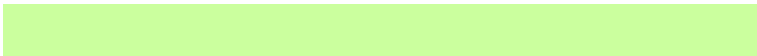
27.3779, 45.3754, 61.4883

Complementary

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



56.8552, 45.3754, 100.3695



66.5610, 86.6855, 45.5736

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.



27.7332, 45.3754, 34.8074



56.8552, 45.3754, 100.3695



39.3301, 45.3754, 13.4800

Square

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



56.8552, 45.3754, 100.3695



58.4431, 45.3754, 21.5839



31.8098, 45.3754, 19.4972



30.7534, 45.3754, 94.4770

Rectangle

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



56.8552, 45.3754, 100.3695



64.5173, 45.3754, 47.4352



31.8098, 45.3754, 19.4972



27.0809, 45.3754, 51.4309

Sweetspot

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



56.8566, 45.3772, 100.3697



82.1190, 81.0058, 105.9153



53.5709, 57.3286, 102.8498



17.2592, 16.8774, 22.5980



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.



56.8566, 45.3772, 100.3697



51.0709, 37.6708, 99.1872



71.0013, 52.7287, 98.3373



17.9331, 17.8573, 22.7516



14.9709, 6.6283, 49.9249



1.5838, 0.7104, 4.8669

Inverse Universe

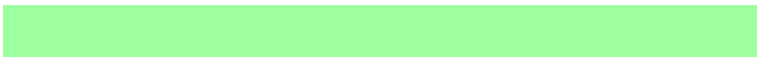
The Inverse Universe completely reimagines the original color for something new.



64.2473, 50.0271, 62.7711



59.8129, 43.1619, 55.1158



56.3154, 81.3711, 46.5662



18.3600, 18.1273, 20.5128



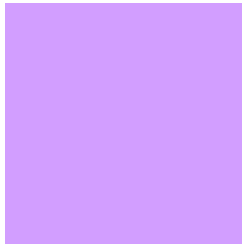
23.3404, 11.8254, 10.4428



2.3271, 1.1732, 1.3038

Previews

White Background



This preview shows how the XYZ color 56.8552, 45.3754, 100.3695 looks on a white background.

Color Contrast Check

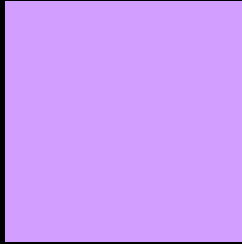
Large Text (above 18pt) WCAG AA × Fail

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 56.8552, 45.3754, 100.3695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

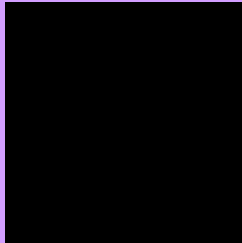
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8552, 45.3754, 100.3695

Background



This preview shows how black text looks on a background with the XYZ color 56.8552, 45.3754, 100.3695.



This preview shows how white text looks on a background with the XYZ color 56.8552, 45.3754,

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

56.8552, 45.3754, 100.3695

Protanopia

47.2897, 45.6328, 100.9233

Deuteranopia

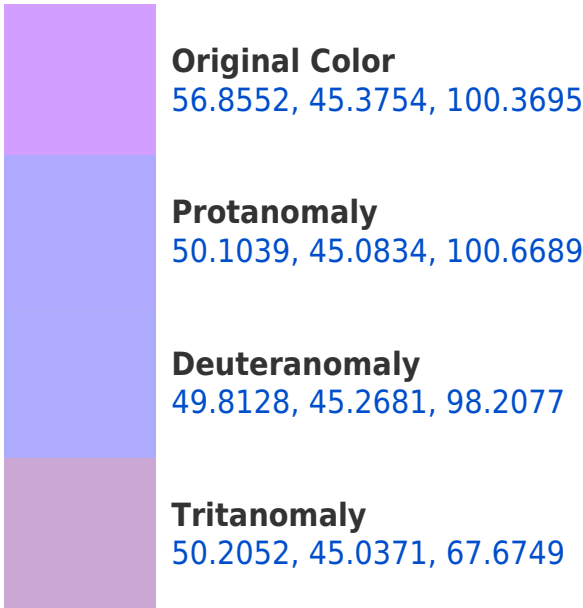
46.8506, 45.7744, 97.6328



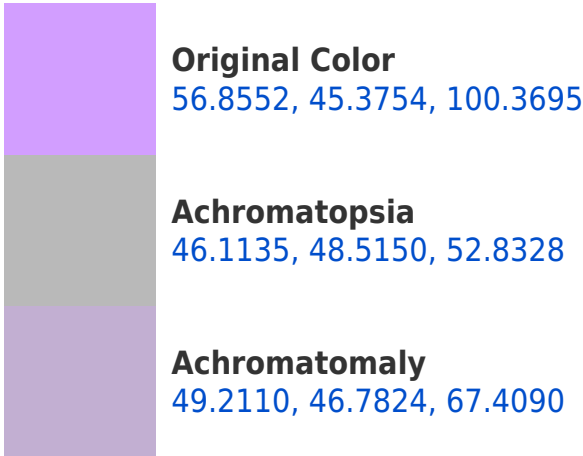
Tritanopia

47.1686, 45.1923, 52.6913

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8552, 45.3754, 100.3695 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, 158, 255) looks like.

```
.text, #text, p{  
    color:rgb(210, 158, 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, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 158, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.8552, 45.3754, 100.3695 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, 158, 255) }
```


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

```
.border{ border-color:rgb(210, 158, 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, 158, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 158,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8552, 45.3754, 100.3695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 158, 255) }
```

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

```
.background{ background-color: rgb(210,  
158, 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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