

Converting Colors

XYZ(56.6149, 45.5520, 91.7194)

Have a look what the booklet for
XYZ(56.6149, 45.5520, 91.7194)
contains.

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Color

**XYZ(56.5803, 45.4324,
91.3752)**

Conversions

Conversions Part 1

Format	Color
Hex	D79EF4
RGB	215, 158, 244
RGB Percent	84%, 62%, 96%
CMY	0.1569, 0.3804, 0.0431
CMYK	0.12, 0.35, 0.00, 0.04
HSL	280°, 80%, 79%
HSV	280°, 35%, 96%
XYZ	56.5803, 45.4324, 91.3752
YIQ	184.8470, 6.3660, 38.8300

Conversions

Conversions Part 2

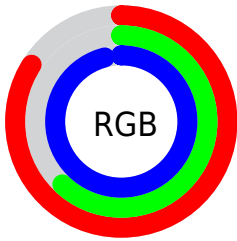
Format	Color
R _Y B	215, 158, 244
Decimal	14130932
CIE Lab	73.18, 36.23, -34.90
CIE LCh	73, 50.304, 316.075
Yxy	45.4324, 0.2926, 0.2349
Android (android.graphics.Color)	4292321012 (0xFFD79EF4)
YUV	184.8470, 29.1624, 26.4442
Hunter-Lab	67.4036, 31.8813, -33.1936

Details

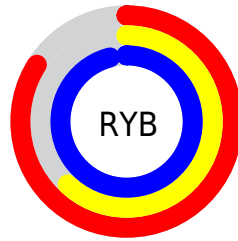
The XYZ color **56.5803, 45.4324, 91.3752** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **59.0172, 77.7359, 44.2437**, and the grayscale version is **45.8710, 48.2599, 52.5550**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **28.4217, 21.2669, 49.6206** is the 20% darker color. If you saturate the color by 10%, you get **50.4689, 36.7056, 90.0136**, and if you desaturate by 10%, it is **63.6425, 55.8781, 93.0199**.

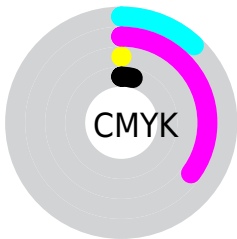
Distribution



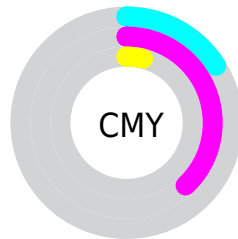
- Red (84%)
- Green (62%)
- Blue (96%)



- Red (84%)
- Yellow (62%)
- Blue (96%)



- Cyan (12%)
- Magenta (35%)
- Yellow (0%)
- Black (4%)





- Cyan (16%)
- Magenta (38%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5803, 45.4324, 91.3752 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 56.5803, 45.4324, 91.3752 by changing the saturation by 10% instead.


 56.5803, 45.4324,
91.3752


 56.5803, 45.4324,
91.3752


401.9144,
368.5220, 553.1794

 40.9072, 31.7981,
68.5417

 98.9874, 83.3689,
151.1993

 28.4339, 21.2074,
49.8691

 126.4522,
108.4399, 189.0270

 18.7951, 13.2757,
34.9389


158.5782,
138.0920, 232.6897

 11.6255, 7.6186,
23.3327

195.7308,
172.7095, 282.6062

 6.5596, 3.8519,
14.6317

238.2753,
212.6769, 339.1948

 3.2321, 1.5911,
8.4176

286.5772,

 1.2777, 0.3516,

258.3785, 402.8742

4.2717

341.0018,
310.1987, 474.0629

■ 0.1664, 0.0000,
1.7756

■ 0.0000, 0.0000,
0.4118

■ 56.5803, 45.4324,
91.3752

■ 56.5803, 45.4324,
91.3752

■ 50.4689, 36.7056,
90.0136

■ 63.6425, 55.8781,
93.0199

■ 45.2527, 29.5927,
88.9156

■ 71.6978, 68.1279,
94.9598

■ 40.8772, 23.9861,
88.0640

■ 80.7911, 82.2685,
97.2099

■ 37.2791, 19.7620,
87.4383

■ 90.7701, 97.9924,
99.7190

■ 34.3852, 16.7766,
87.0146

■ 93.3293, 99.3117,
99.8388

■ 32.1054, 14.8527,
86.7634

■ 31.1731, 14.1840,
86.6835

Harmonies

Analogous

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



48.0487, 45.4324, 112.3299



56.5803, 45.4324, 91.3752



61.8166, 45.4324, 62.0974

Triad

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



56.5803, 45.4324, 91.3752



47.3921, 45.4324, 15.7222



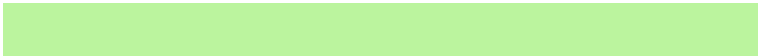
28.8539, 45.4324, 64.1673

Complementary

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



56.5803, 45.4324, 91.3752



59.0172, 77.7359, 44.2437

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.



28.7282, 45.4324, 38.6790



56.5803, 45.4324, 91.3752



38.6558, 45.4324, 15.9427

Square

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



56.5803, 45.4324, 91.3752



56.0435, 45.4324, 22.0904



32.0860, 45.4324, 22.8514



32.4563, 45.4324, 93.3278

Rectangle

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



56.5803, 45.4324, 91.3752



62.3300, 45.4324, 44.5057



32.0860, 45.4324, 22.8514



28.4222, 45.4324, 54.7864

Sweetspot

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



56.5818, 45.4343, 91.3762



83.3507, 81.6408, 105.9729



48.4359, 49.8118, 92.6505



17.5531, 17.0290, 22.6117



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.



56.5818, 45.4343, 91.3762



57.8030, 43.4107, 99.9403



63.9743, 49.4637, 81.8521



16.6392, 16.4722, 20.8450



17.1015, 7.7905, 47.1404



1.6123, 0.7410, 4.1483

Inverse Universe

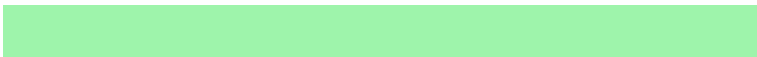
The Inverse Universe completely reimagines the original color for something new.



58.5061, 47.2765, 53.0571



60.4675, 45.8698, 51.0224



53.7939, 74.9081, 50.1035



16.7297, 16.5747, 18.3230



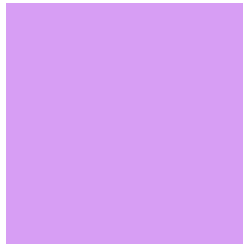
21.1770, 10.8142, 5.6404



1.9072, 0.9689, 0.7380

Previews

White Background



This preview shows how the XYZ color 56.5803, 45.4324, 91.3752 looks on a white background.

Color Contrast Check

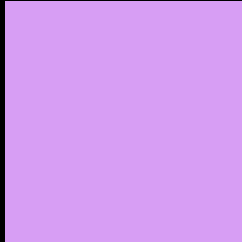
Large Text (above 18pt) WCAG AA × Fail

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 56.5803, 45.4324, 91.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

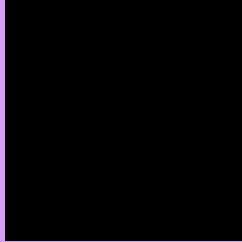
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5803, 45.4324, 91.3752

Background



This preview shows how black text looks on a background with the XYZ color 56.5803, 45.4324, 91.3752.



This preview shows how white text looks on a background with the XYZ color 56.5803, 45.4324,

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

56.5803, 45.4324, 91.3752

Protanopia

47.2897, 45.6328, 100.9233

Deuteranopia

46.7602, 45.6281, 88.7806



Tritanopia

48.4801, 45.3320, 51.5422

Trichromacy



Original Color

56.5803, 45.4324, 91.3752



Protanomaly

49.9188, 45.0616, 97.3335



Deuteranomaly

49.7803, 45.1676, 89.3136



Tritanomaly

51.0713, 45.2840, 64.4415

Monochromacy



Original Color

56.5803, 45.4324, 91.3752



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.2355, 46.8519, 64.8409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5803, 45.4324, 91.3752 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(215, 158, 244)` looks like.

```
.text, #text, p{  
    color:rgb(215, 158, 244)  
}
```

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(215, 158, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 158, 244) }
```

Border

The CSS property to change the border of an element to XYZ 56.5803, 45.4324, 91.3752 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(215, 158, 244) }
```


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

```
.border{ border-color:rgb(215, 158, 244) }
```

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

Here you see how a box with a 4 pixel rgb(215, 158, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 158, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 158, 244);  
box-shadow:4px 4px 4px 4px rgb(215, 158,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5803, 45.4324, 91.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 158, 244) }
```

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

```
.background{ background-color: rgb(215,  
158, 244) }
```

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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