

Converting Colors

XYZ(62.4786, 45.0522,
130.3790)

Have a look what the booklet for
XYZ(62.4786, 45.0522, 130.3790)
contains.

XYZ(56.5080, 42.5345, 99.8394)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.5080, 42.5345,
99.8394)**

Conversions

Conversions Part 1

Format	Color
Hex	D793FF
RGB	215, 147, 255
RGB Percent	84%, 58%, 100%
CMY	0.1569, 0.4235, 0.0000
CMYK	0.16, 0.42, 0.00, 0.00
HSL	278°, 100%, 79%
HSV	278°, 42%, 100%
XYZ	56.5080, 42.5345, 99.8394
YIQ	179.6440, 5.8600, 48.0040

Conversions

Conversions Part 2

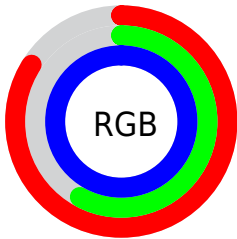
Format	Color
RYB	215, 147, 255
Decimal	14128127
CIELab	71.24, 44.40, -43.89
CIElCh	71, 62.436, 315.333
Yxy	42.5345, 0.2841, 0.2139
Android (android.graphics.Color)	4292318207 (0xFFD793FF)
YUV	179.6440, 37.1505, 31.0072
Hunter-Lab	65.2185, 40.5275, -45.1109

Details

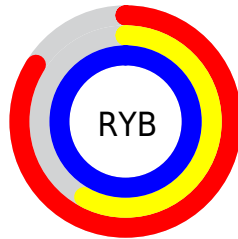
The XYZ color **56.5080, 42.5345, 99.8394** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **61.5208, 84.1918, 40.6137**, and the grayscale version is **42.9982, 45.2375, 49.2636**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **28.3858, 19.5307, 55.6998** is the 20% darker color. If you saturate the color by 10%, you get **50.2799, 34.0763, 98.5351**, and if you desaturate by 10%, it is **63.7778, 52.8361, 101.4447**.

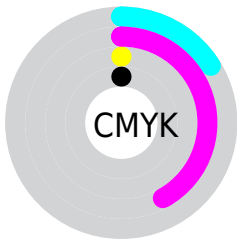
Distribution



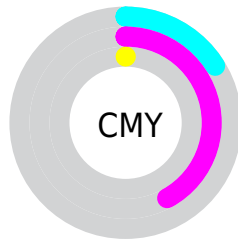
- Red (84%)
- Green (58%)
- Blue (100%)



- Red (84%)
- Yellow (58%)
- Blue (100%)



- Cyan (16%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5080, 42.5345, 99.8394 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 56.5080, 42.5345, 99.8394 by changing the saturation by 10% instead.


 56.5080, 42.5345,
99.8394


 56.5080, 42.5345,
99.8394


401.6472,
356.6939, 580.9199

 40.8490, 29.5200,
75.5503

 98.8824, 79.0079,
162.9864

 28.3882, 19.4746,
55.5594

 126.3286,
103.2357, 202.6814

 18.7605, 12.0137,
39.4481


158.4344,
131.9700, 248.3487

 11.6003, 6.7530,
26.7980


195.5654,
165.5953, 300.4070

 6.5424, 3.3081,
17.1905

238.0868,
204.4959, 359.2747

 3.2214, 1.2946,
10.2070

286.3640,

 1.2719, 0.1370,

249.0563, 425.3704

5.4290

340.7623,
299.6608, 499.1126

■ 0.1620, 0.0000,
2.4380

■ 0.0000, 0.0000,
0.8070

■ 56.5080, 42.5345,
99.8394

■ 56.5080, 42.5345,
99.8394

■ 50.2799, 34.0763,
98.5351

■ 63.7778, 52.8361,
101.4447

■ 45.0278, 27.3375,
97.5112

■ 72.1409, 65.0841,
103.3680

■ 40.6846, 22.1868,
96.7459

■ 81.6505, 79.3796,
105.6261

■ 37.1713, 18.4707,
96.2138

■ 92.3548, 95.8153,
108.2343

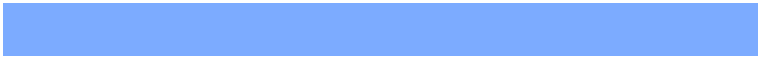
■ 34.3933, 16.0038, 95.0500, 100.0000,
95.8841 108.9000

■ 32.6588, 14.7511,
95.7337

Harmonies

Analogous

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



45.9900, 42.5345, 127.1727



56.5080, 42.5345, 99.8394



63.2067, 42.5345, 62.5049

Triad

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



56.5080, 42.5345, 99.8394



45.7442, 42.5345, 9.9248



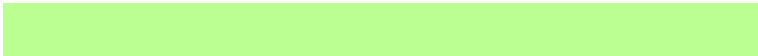
23.9504, 42.5345, 63.2986

Complementary

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



56.5080, 42.5345, 99.8394



61.5208, 84.1918, 40.6137

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.



23.9077, 42.5345, 33.1906



56.5080, 42.5345, 99.8394



35.3331, 42.5345, 9.9870

Square

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



56.5080, 42.5345, 99.8394



56.3014, 42.5345, 16.2126



27.7302, 42.5345, 16.4491



27.8591, 42.5345, 100.6322

Rectangle

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



56.5080, 42.5345, 99.8394



63.9764, 42.5345, 41.1567



27.7302, 42.5345, 16.4491



23.5090, 42.5345, 51.8826

Sweetspot

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



56.5094, 42.5362, 99.8397



80.9979, 78.3882, 105.4691



48.1528, 49.5622, 101.6363



16.8696, 16.0707, 22.4628



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.



56.5094, 42.5362, 99.8397



51.0631, 35.1161, 98.6945



67.7616, 48.5637, 90.1224



18.1023, 17.9445, 22.7595



17.2353, 7.7956, 50.0309



1.7988, 0.8212, 4.8770

Inverse Universe

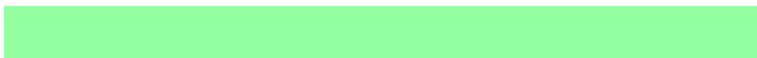
The Inverse Universe completely reimagines the original color for something new.



60.6443, 45.7167, 52.6428



56.1213, 38.9362, 44.1515



54.1039, 80.2477, 45.7141



18.2875, 18.0983, 20.1313



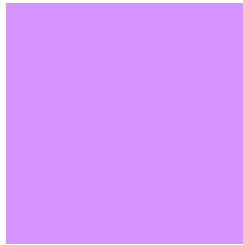
22.6807, 11.5616, 6.9692



2.2590, 1.1460, 0.9452

Previews

White Background



This preview shows how the XYZ color 56.5080, 42.5345, 99.8394 looks on a white background.

Color Contrast Check

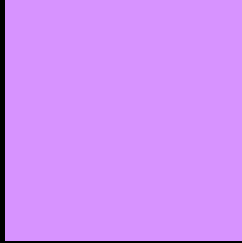
Large Text (above 18pt) WCAG AA × Fail

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 56.5080, 42.5345, 99.8394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

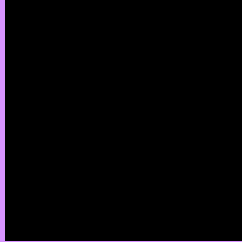
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5080, 42.5345, 99.8394

Background



This preview shows how black text looks on a background with the XYZ color 56.5080, 42.5345, 99.8394.



This preview shows how white text looks on a background with the XYZ color 56.5080, 42.5345,

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

56.5080, 42.5345, 99.8394

Protanopia

44.6566, 42.8360, 100.5223

Deuteranopia

44.0529, 42.9003, 96.4012



Tritanopia

45.8399, 42.4218, 47.3672

Trichromacy



Original Color

56.5080, 42.5345, 99.8394



Protanomaly

47.9418, 42.0723, 100.2017



Deuteranomaly

47.6407, 42.2371, 97.7371

Tritanomaly

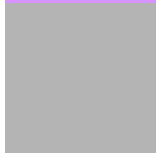
48.9784, 42.1269, 63.3075

Monochromacy



Original Color

56.5080, 42.5345, 99.8394



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.2574, 43.8477, 65.0042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5080, 42.5345, 99.8394 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, 147, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 147, 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(215, 147, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 147, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.5080, 42.5345, 99.8394 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, 147, 255) }
```


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

```
.border{ border-color:rgb(215, 147, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 147, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 147, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 147, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 147,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5080, 42.5345, 99.8394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 147, 255) }
```

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

```
.background{ background-color: rgb(215,  
147, 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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