

Converting Colors

XYZ(55.8598, 43.1183, 96.6465)

Have a look what the booklet for
XYZ(55.8598, 43.1183, 96.6465)
contains.

XYZ(55.9198, 43.2444, 96.6665)	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(55.9198, 43.2444,
96.6665)**

Conversions

Conversions Part 1

Format	Color
Hex	D597FB
RGB	213, 151, 251
RGB Percent	84%, 59%, 98%
CMY	0.1647, 0.4078, 0.0157
CMYK	0.15, 0.40, 0.00, 0.02
HSL	277°, 93%, 79%
HSV	277°, 40%, 98%
XYZ	55.9198, 43.2444, 96.6665
YIQ	180.9380, 4.8520, 44.2440

Conversions

Conversions Part 2

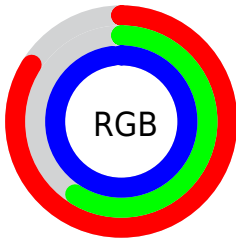
Format	Color
RYB	213, 151, 251
Decimal	13998075
CIELab	71.72, 40.86, -40.98
CIElCh	72, 57.869, 314.917
Yxy	43.2444, 0.2856, 0.2208
Android (android.graphics.Color)	4292188155 (0xFFD597FB)
YUV	180.9380, 34.5406, 28.1184
Hunter-Lab	65.7605, 36.7077, -41.1227

Details

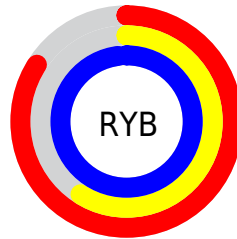
The XYZ color **55.9198, 43.2444, 96.6665** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **61.0706, 82.0485, 41.8982**, and the grayscale version is **43.7063, 45.9825, 50.0749**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **28.1041, 19.9868, 53.4155** is the 20% darker color. If you saturate the color by 10%, you get **49.6166, 34.6241, 95.3355**, and if you desaturate by 10%, it is **63.2485, 53.6718, 98.2936**.

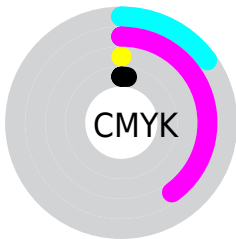
Distribution



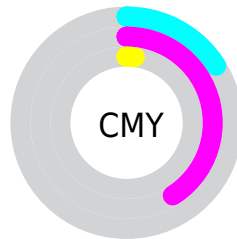
- Red (84%)
- Green (59%)
- Blue (98%)



- Red (84%)
- Yellow (59%)
- Blue (98%)



- Cyan (15%)
- Magenta (40%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (41%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9198, 43.2444, 96.6665 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 55.9198, 43.2444, 96.6665 by changing the saturation by 10% instead.


 55.9198, 43.2444,
96.6665


 55.9198, 43.2444,
96.6665


399.4691,
359.6159, 570.6065

 40.3754, 30.0769,
72.9183


 98.0278, 80.0795,
158.5803

 28.0169, 19.8970,
53.4177


 125.3221,
104.5160, 197.5829

 18.4789, 12.3202,
37.7463


157.2637,
133.4776, 242.5073

 11.3961, 6.9621,
25.4856

194.2180,
167.3486, 293.7722

 6.4032, 3.4384,
16.2169

236.5503,
206.5136, 351.7960

 3.1347, 1.3647,
9.5217

284.6260,

 1.2254, 0.1905,

251.3569, 416.9973

4.9816

338.8105,
302.2628, 489.7946

■ 0.1263, 0.0000,
2.1779

■ 0.0000, 0.0000,
0.6616

■ 55.9198, 43.2444,
96.6665

■ 55.9198, 43.2444,
96.6665

■ 49.6166, 34.6241,
95.3355

■ 63.2485, 53.6718,
98.2936

■ 44.2767, 27.6941,
94.2793

■ 71.6512, 66.0027,
100.2309

■ 39.8372, 22.3317,
93.4783

■ 81.1783, 80.3330,
102.4947

■ 36.2250, 18.3950,
92.9088

■ 91.8757, 96.7504,
105.0998

■ 33.3534, 15.7150,
92.5429

■ 94.4127, 99.7451,
105.5441

■ 31.0839, 14.0193,
92.3352

■ 31.0499, 13.9953,
92.3323

Harmonies

Analogous

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



46.1545, 43.2444, 121.0035



55.9198, 43.2444, 96.6665



62.1502, 43.2444, 62.5972

Triad

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



55.9198, 43.2444, 96.6665



46.2116, 43.2444, 11.8048



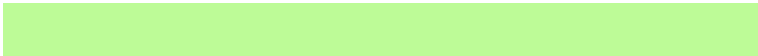
25.4302, 43.2444, 62.4144

Complementary

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



55.9198, 43.2444, 96.6665



61.0706, 82.0485, 41.8982

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.



25.4405, 43.2444, 34.3751



55.9198, 43.2444, 96.6665



36.4333, 43.2444, 11.7886

Square

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



55.9198, 43.2444, 96.6665



55.9673, 43.2444, 18.3047



29.1653, 43.2444, 18.2457



29.1345, 43.2444, 96.4876

Rectangle

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



55.9198, 43.2444, 96.6665



62.9183, 43.2444, 42.6035



29.1653, 43.2444, 18.2457



25.0211, 43.2444, 51.8720

Sweetspot

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



55.9213, 43.2462, 96.6675



81.9040, 79.8675, 105.7069



48.4460, 50.0848, 98.3815



17.2472, 16.6664, 22.5579



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.



55.9213, 43.2462, 96.6675



52.5328, 37.3665, 99.0514



66.4807, 48.8958, 87.8547



17.3167, 17.1759, 21.7879



16.4882, 7.4426, 48.5411



1.6450, 0.7501, 4.5013

Inverse Universe

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



60.0369, 46.3182, 53.9216



57.7208, 41.1849, 47.6143



53.8421, 78.2072, 46.7535



17.5175, 17.3344, 19.3149



22.0720, 11.2445, 7.0877



2.0940, 1.0614, 0.9186

Previews

White Background



This preview shows how the XYZ color 55.9198, 43.2444, 96.6665 looks on a white background.

Color Contrast Check

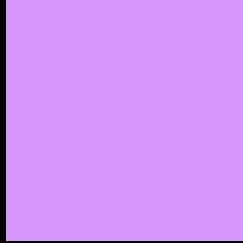
Large Text (above 18pt) WCAG AA × Fail

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 55.9198, 43.2444, 96.6665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

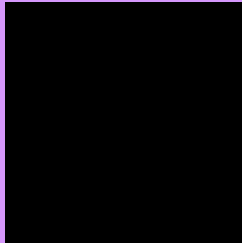
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9198, 43.2444, 96.6665

Background



This preview shows how black text looks on a background with the XYZ color 55.9198, 43.2444, 96.6665.



This preview shows how white text looks on a background with the XYZ color 55.9198, 43.2444,

96.6665.

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

55.9198, 43.2444, 96.6665

Protanopia

45.3880, 43.4967, 100.6112

Deuteranopia

44.5331, 43.5052, 93.2390



Tritanopia

46.1300, 43.0837, 48.5325

Trichromacy



Original Color

55.9198, 43.2444, 96.6665



Protanomaly

48.3578, 42.8367, 99.4855



Deuteranomaly

48.0351, 43.0484, 94.5844

Tritanomaly

49.2179, 43.0193, 63.4671

Monochromacy



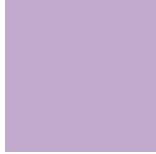
Original Color

55.9198, 43.2444, 96.6665



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.5076, 44.5431, 64.4863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9198, 43.2444, 96.6665 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(213, 151, 251)` looks like.

```
.text, #text, p{  
    color:rgb(213, 151, 251)  
}
```

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(213, 151, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 151, 251) }
```

Border

The CSS property to change the border of an element to XYZ 55.9198, 43.2444, 96.6665 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(213, 151, 251) }
```


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

```
.border{ border-color:rgb(213, 151, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 151, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 151, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 151, 251);  
box-shadow:4px 4px 4px 4px rgb(213, 151,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9198, 43.2444, 96.6665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 151, 251) }
```

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

```
.background{ background-color: rgb(213,  
151, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor