

Converting Colors

XYZ(55.7182, 44.7254, 97.8266)

Have a look what the booklet for
XYZ(55.7182, 44.7254, 97.8266)
contains.

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Color

**XYZ(55.8100, 44.8919,
97.8190)**

Conversions

Conversions Part 1

Format	Color
Hex	D09EFC
RGB	208, 158, 252
RGB Percent	82%, 62%, 99%
CMY	0.1843, 0.3804, 0.0118
CMYK	0.17, 0.37, 0.00, 0.01
HSL	272°, 94%, 80%
HSV	272°, 37%, 99%
XYZ	55.8100, 44.8919, 97.8190
YIQ	183.6660, -0.3740, 39.8340

Conversions

Conversions Part 2

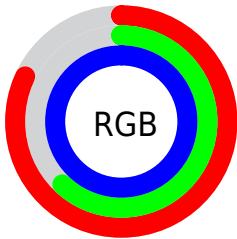
Format	Color
R _Y B	208, 158, 252
Decimal	13672188
CIE Lab	72.82, 35.84, -39.84
CIE LCh	73, 53.594, 311.975
Yxy	44.8919, 0.2811, 0.2261
Android (android.graphics.Color)	4291862268 (0xFFD09EFC)
YUV	183.6660, 33.6887, 21.3409
Hunter-Lab	67.0014, 31.4322, -39.6597

Details

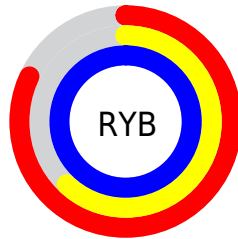
The XYZ color **55.8100, 44.8919, 97.8190** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.3404, 84.6471, 45.2443**, and the grayscale version is **45.1976, 47.5514, 51.7835**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **27.9533, 20.9236, 54.1951** is the 20% darker color. If you saturate the color by 10%, you get **48.7504, 35.5133, 96.3816**, and if you desaturate by 10%, it is **64.0007, 56.1638, 99.5637**.

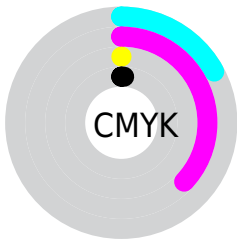
Distribution



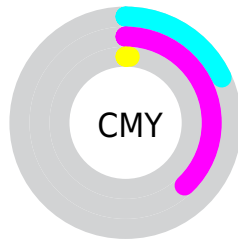
- Red (82%)
- Green (62%)
- Blue (99%)



- Red (82%)
- Yellow (62%)
- Blue (99%)



- Cyan (17%)
- Magenta (37%)
- Yellow (0%)
- Black (1%)




- Cyan (18%)
- Magenta (38%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8100, 44.8919, 97.8190 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 55.8100, 44.8919, 97.8190 by changing the saturation by 10% instead.


 55.8100, 44.8919,
97.8190


 55.8100, 44.8919,
97.8190


399.0617,
366.3356, 574.3641

 40.2870, 31.3723,
73.8736


 97.8681, 82.5582,
160.1824

 27.9476, 20.8825,
54.1945

 125.1340,
107.4736, 199.4375

 18.4264, 13.0381,
38.3629


157.0449,
136.9565, 244.6330

 11.3581, 7.4548,
25.9605

193.9661,
171.3911, 296.1873

 6.3773, 3.7481,
16.5686

236.2631,
211.1620, 354.5190

 3.1187, 1.5337,
9.7687

284.3011,

 1.2168, 0.3123,

256.6534, 420.0467

5.1423

338.4455,
308.2498, 493.1889

■ 0.1196, 0.0000,
2.2708

■ 0.0000, 0.0000,
0.7148

■ 55.8100, 44.8919,
97.8190

■ 55.8100, 44.8919,
97.8190

■ 48.7504, 35.5133,
96.3816

■ 64.0007, 56.1638,
99.5637

■ 42.7575, 27.9113,
95.2301

■ 73.3725, 69.4254,
101.6295

■ 37.7673, 21.9645,
94.3452

■ 83.9780, 84.7731,
104.0330

■ 33.7057, 17.5331,
93.7040

94.5708, 99.8083,
106.3768

■ 30.4862, 14.4534,
93.2792

■ 27.9987, 12.5137,
93.0359

■ 27.4093, 12.1002,
92.9872

Harmonies

Analogous

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



46.4955, 44.8919, 118.2299



55.8100, 44.8919, 97.8190



62.0771, 44.8919, 66.5406

Triad

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



55.8100, 44.8919, 97.8190



48.4566, 44.8919, 14.5181



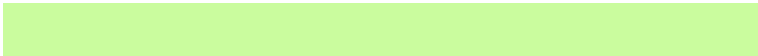
27.4302, 44.8919, 60.3199

Complementary

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



55.8100, 44.8919, 97.8190



65.3404, 84.6471, 45.2443

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.



27.7963, 44.8919, 34.6578



55.8100, 44.8919, 97.8190



39.0573, 44.8919, 13.9030

Square

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



55.8100, 44.8919, 97.8190



57.4245, 44.8919, 21.9638



31.7709, 44.8919, 19.7930



30.6851, 44.8919, 91.8629

Rectangle

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



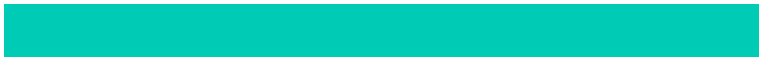
55.8100, 44.8919, 97.8190



63.1992, 44.8919, 47.1319



31.7709, 44.8919, 19.7930



27.1486, 44.8919, 50.6701

Sweetspot

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



55.8116, 44.8937, 97.8200



82.0788, 80.9851, 105.9134



53.1312, 57.2159, 100.3397



17.2496, 16.8725, 22.5975



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.



55.8116, 44.8937, 97.8200



51.6294, 38.5067, 99.3191



69.6963, 52.0802, 97.1790



17.1646, 17.0975, 21.7808



14.4496, 6.3917, 48.4457



1.4607, 0.6551, 4.4926

Inverse Universe

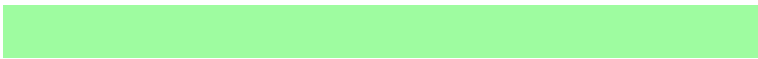
The Inverse Universe completely reimagines the original color for something new.



63.0337, 49.4151, 62.0945



60.3881, 43.9827, 56.3236



55.2197, 79.4140, 45.4792



17.5827, 17.3605, 19.6585



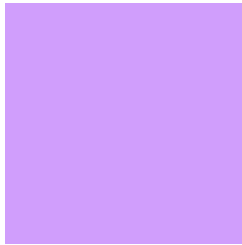
22.6870, 11.4905, 10.3259



2.1542, 1.0854, 1.2356

Previews

White Background



This preview shows how the XYZ color 55.8100, 44.8919, 97.8190 looks on a white background.

Color Contrast Check

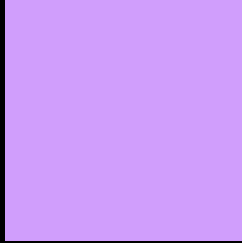
Large Text (above 18pt) WCAG AA × Fail

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 55.8100, 44.8919, 97.8190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

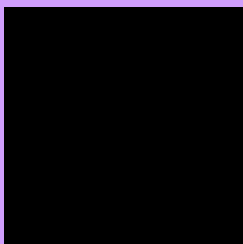
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8100, 44.8919, 97.8190

Background



This preview shows how black text looks on a background with the XYZ color 55.8100, 44.8919, 97.8190.



This preview shows how white text looks on a background with the XYZ color 55.8100, 44.8919,

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

55.8100, 44.8919, 97.8190

Protanopia

46.7122, 45.0430, 100.8399

Deuteranopia

46.3757, 45.2895, 95.1044



Tritanopia

46.5354, 44.8781, 52.1086

Trichromacy



Original Color

55.8100, 44.8919, 97.8190



Protanomaly

49.3109, 44.4159, 99.7401



Deuteranomaly

49.1528, 44.7030, 95.6604

Tritanomaly

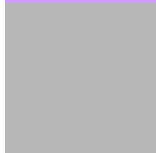
49.4147, 44.6584, 66.3371

Monochromacy



Original Color

55.8100, 44.8919, 97.8190



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.8309, 46.6009, 66.7428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8100, 44.8919, 97.8190 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(208, 158, 252)` looks like.

```
.text, #text, p{  
    color:rgb(208, 158, 252)  
}
```

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(208, 158, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 158, 252) }
```

Border

The CSS property to change the border of an element to XYZ 55.8100, 44.8919, 97.8190 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(208, 158, 252) }
```


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

```
.border{ border-color:rgb(208, 158, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 158, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 158, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 158, 252);  
box-shadow:4px 4px 4px 4px rgb(208, 158,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8100, 44.8919, 97.8190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 158, 252) }
```

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

```
.background{ background-color: rgb(208,  
158, 252) }
```

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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