

Converting Colors

XYZ(59.2348, 37.2031,
117.4924)

Have a look what the booklet for
XYZ(59.2348, 37.2031, 117.4924)
contains.

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Color

**XYZ(55.5448, 35.6502,
98.5614)**

Conversions

Conversions Part 1

Format	Color
Hex	E273FF
RGB	226, 115, 255
RGB Percent	89%, 45%, 100%
CMY	0.1137, 0.5490, 0.0000
CMYK	0.11, 0.55, 0.00, 0.00
HSL	288°, 100%, 73%
HSV	288°, 55%, 100%
XYZ	55.5448, 35.6502, 98.5614
YIQ	164.1490, 21.2160, 67.0720

Conversions

Conversions Part 2

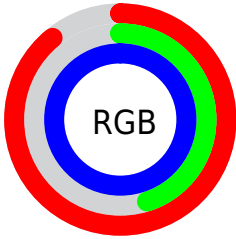
Format	Color
R _Y B	226, 115, 255
Decimal	14840831
CIE Lab	66.25, 63.49, -51.66
CIE LCh	66, 81.853, 320.870
Yxy	35.6502, 0.2927, 0.1879
Android (android.graphics.Color)	4293030911 (0xFFE273FF)
YUV	164.1490, 44.7895, 54.2433
Hunter-Lab	59.7078, 61.5659, -56.0763

Details

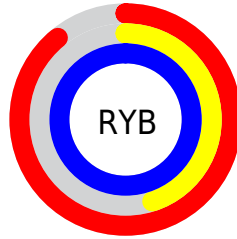
The XYZ color **55.5448, 35.6502, 98.5614** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **50.3568, 78.6874, 28.7552**, and the grayscale version is **35.1452, 36.9755, 40.2663**.

A 20% lighter version of the original color is **73.8529, 57.6058, 101.8343**, and **27.9055, 15.5300, 54.9529** is the 20% darker color. If you saturate the color by 10%, you get **51.3983, 29.7774, 97.6464**, and if you desaturate by 10%, it is **60.5488, 43.1603, 99.7472**.

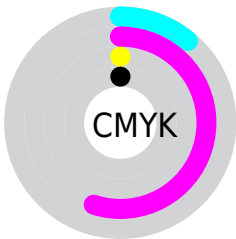
Distribution



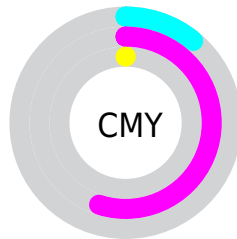
- Red (89%)
- Green (45%)
- Blue (100%)



- Red (89%)
- Yellow (45%)
- Blue (100%)



- Cyan (11%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5448, 35.6502, 98.5614 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 55.5448, 35.6502, 98.5614 by changing the saturation by 10% instead.


 55.5448, 35.6502,
98.5614


 55.5448, 35.6502,
98.5614


398.0767,
327.4290, 576.7777


 40.0736, 24.1642,
74.4895


 97.4824, 68.4918,
161.2134

 27.7804, 15.4554,
54.6955


 124.6795, 90.6162,
200.6306

 18.2998, 9.1396,
38.7611


 156.5161,
117.0554, 245.9999

 11.2664, 4.8324,
26.2675

193.3573,
148.1940, 297.7399

 6.3150, 2.1493,
16.7963

235.5686,
184.4162, 356.2691

 3.0800, 0.6921,
9.9289

283.5154,

 1.1962, 0.0000,

226.1066, 422.0062

5.2469

337.5630,
273.6494, 495.3695

■ 0.1034, 0.0000,
2.3316

■ 0.0000, 0.0000,
0.7488

■ 55.5448, 35.6502,
98.5614

■ 55.5448, 35.6502,
98.5614

■ 51.3983, 29.7774,
97.6464

■ 60.5488, 43.1603,
99.7472

■ 48.0370, 25.4009,
96.9788

■ 66.4674, 52.4241,
101.2234

■ 45.3824, 22.3634,
96.5324

■ 73.3569, 63.5525,
103.0083

■ 43.3363, 20.4693,
96.2746

■ 81.2677, 76.6459,
105.1186

■ 42.4562, 19.8018,
96.1922

■ 90.2467, 91.7975,
107.5699

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



42.9517, 35.6502, 141.5815



55.5448, 35.6502, 98.5614



62.7395, 35.6502, 50.4891

Triad

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



55.5448, 35.6502, 98.5614



37.7466, 35.6502, 3.0890



16.3457, 35.6502, 68.0224

Complementary

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



55.5448, 35.6502, 98.5614



50.3568, 78.6874, 28.7552

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.



15.5933, 35.6502, 29.0986



55.5448, 35.6502, 98.5614



26.1925, 35.6502, 3.7951

Square

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



55.5448, 35.6502, 98.5614



50.9583, 35.6502, 6.5385



18.7449, 35.6502, 9.9741



21.1266, 35.6502, 117.7836

Rectangle

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



55.5448, 35.6502, 98.5614



62.5531, 35.6502, 27.4716



18.7449, 35.6502, 9.9741



15.6672, 35.6502, 52.9216

Sweetspot

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



55.5460, 35.6517, 98.5616



80.3461, 75.1067, 104.8701



35.2978, 31.2191, 98.7732



16.8356, 15.4735, 22.3493



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.



55.5460, 35.6517, 98.5616



50.9914, 29.2253, 97.5613



59.6801, 38.4460, 68.7910



18.4026, 18.0993, 22.7735



22.3124, 10.4129, 50.2685



2.2608, 1.0594, 4.8986

Inverse Universe

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



52.4055, 35.5362, 30.4836



48.1096, 29.4222, 21.4133



48.7195, 77.5206, 43.2604



18.1632, 18.0486, 19.4768



21.9253, 11.2594, 2.9909



2.1721, 1.1112, 0.4877

Previews

White Background



This preview shows how the XYZ color 55.5448, 35.6502, 98.5614 looks on a white background.

Color Contrast Check

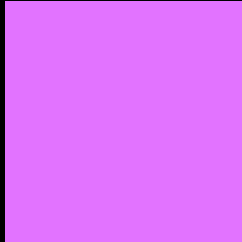
Large Text (above 18pt) WCAG AA × Fail

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 55.5448, 35.6502, 98.5614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

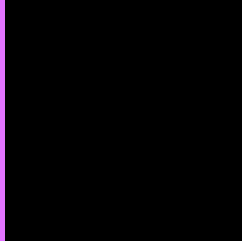
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5448, 35.6502, 98.5614

Background



This preview shows how black text looks on a background with the XYZ color 55.5448, 35.6502, 98.5614.



This preview shows how white text looks on a background with the XYZ color 55.5448, 35.6502,

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

55.5448, 35.6502, 98.5614

Protanopia

38.4452, 35.8847, 99.5079

Deuteranopia

37.1411, 36.1271, 93.0114



Tritanopia

42.4919, 35.6100, 34.3396

Trichromacy



Original Color

55.5448, 35.6502, 98.5614



Protanomaly

42.2202, 34.0396, 98.9528



Deuteranomaly

41.3291, 34.1177, 94.8496

Tritanomaly

46.0518, 34.9284, 52.4588

Monochromacy



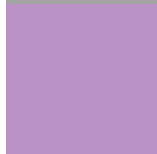
Original Color

55.5448, 35.6502, 98.5614



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

40.8504, 35.1538, 57.4556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5448, 35.6502, 98.5614 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(226, 115, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 115, 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(226, 115, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 115, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.5448, 35.6502, 98.5614 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(226, 115, 255) }
```


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

```
.border{ border-color:rgb(226, 115, 255) }
```

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

Here you see how a box with a 4 pixel rgb(226, 115, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 115, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 115, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 115,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5448, 35.6502, 98.5614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 115, 255) }
```

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

```
.background{ background-color: rgb(226,  
115, 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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