

Converting Colors

XYZ(59.9795, 56.8195,
100.2758)

Have a look what the booklet for
XYZ(59.9795, 56.8195, 100.2758)
contains.

XYZ(59.9735, 56.8697, 99.9115)	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(59.9735, 56.8697,
99.9115)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C0FC
RGB	199, 192, 252
RGB Percent	78%, 75%, 99%
CMY	0.2196, 0.2470, 0.0118
CMYK	0.21, 0.24, 0.00, 0.01
HSL	247°, 91%, 87%
HSV	247°, 24%, 99%
XYZ	59.9735, 56.8697, 99.9115
YIQ	200.9330, -15.0880, 20.1440

Conversions

Conversions Part 2

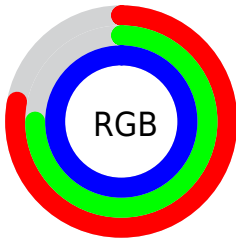
Format	Color
R _Y B	199, 192, 252
Decimal	13091068
CIE Lab	80.11, 14.60, -28.65
CIE LCh	80, 32.156, 297.011
Yxy	56.8697, 0.2767, 0.2624
Android (android.graphics.Color)	4291281148 (0xFFC7C0FC)
YUV	200.9330, 25.1760, -1.6952
Hunter-Lab	75.4120, 9.9861, -25.7635

Details

The XYZ color **59.9735, 56.8697, 99.9115** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.9829, 92.8405, 63.4708**, and the grayscale version is **55.3331, 58.2147, 63.3958**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **30.5845, 28.3347, 55.4869** is the 20% darker color. If you saturate the color by 10%, you get **49.4265, 43.9109, 97.9670**, and if you desaturate by 10%, it is **72.3355, 72.1730, 102.2147**.

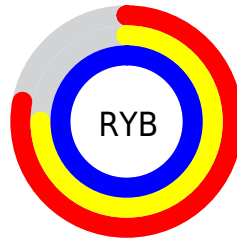
Distribution



Red (78%)

Green (75%)

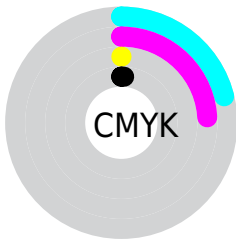
Blue (99%)



Red (78%)

Yellow (75%)

Blue (99%)

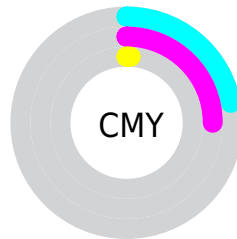


Cyan (21%)

Magenta (24%)

Yellow (0%)

Black (1%)



Cyan (22%)

Magenta (25%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9735, 56.8697, 99.9115 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 59.9735, 56.8697, 99.9115 by changing the saturation by 10% instead.

■ 59.9735, 56.8697,
99.9115

■ 59.9735, 56.8697,
99.9115

414.3364,
412.9609, 581.1532

■ 43.6467, 40.9006,
75.6102

■ 103.8978,
100.2750, 163.0864

■ 30.5895, 28.2415,
55.6082

132.2259,
128.4801, 202.7970

■ 20.4368, 18.5077,
39.4870

165.2852,
161.5326, 248.4811

■ 12.8230, 11.3151,
26.8280

203.4410,
199.8170, 300.5573

■ 7.3830, 6.2792,
17.2128

247.0587,
243.7176, 359.4440

■ 3.7512, 3.0156,
10.2228

296.5036,

■ 1.5624, 1.1399,

293.6189, 425.5599

5.4394

352.1410,
349.9052, 499.3234

■ 0.3677, 0.0118,
2.4441

■ 0.0000, 0.0000,
0.8103

■ 59.9735, 56.8697,
99.9115

■ 59.9735, 56.8697,
99.9115

■ 49.4265, 43.9109,
97.9670

■ 72.3355, 72.1730,
102.2147

■ 40.6033, 33.1741,
96.3597

■ 86.5868, 89.9218,
104.8895

■ 33.4132, 24.5358,
95.0713

■ 94.5709, 99.8083,
106.3770

■ 27.7548, 17.8578,
94.0805

■ 23.5154, 12.9853,
93.3634

■ 20.5662, 9.7395,
92.8924

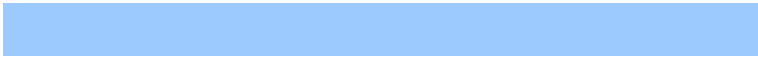
■ 18.7541, 7.9047,
92.6338

■ 18.0888, 7.2953,
92.5512

Harmonies

Analogous

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



53.3992, 56.8697, 105.3492



59.9735, 56.8697, 99.9115



65.3133, 56.8697, 83.6968

Triad

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



59.9735, 56.8697, 99.9115



61.2003, 56.8697, 36.3389



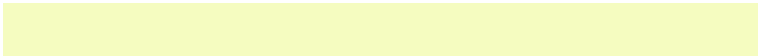
42.4319, 56.8697, 60.0604

Complementary

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



59.9735, 56.8697, 99.9115



81.9829, 92.8405, 63.4708

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.



44.1675, 56.8697, 44.2941



59.9735, 56.8697, 99.9115



54.7120, 56.8697, 32.4471

Square

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



59.9735, 56.8697, 99.9115



66.0608, 56.8697, 46.9499



48.5355, 56.8697, 35.0370



43.5962, 56.8697, 79.7788

Rectangle

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



59.9735, 56.8697, 99.9115



67.2694, 56.8697, 70.3828



48.5355, 56.8697, 35.0370



42.6919, 56.8697, 54.1669

Sweetspot

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



59.9753, 56.8720, 99.9128



84.0527, 86.2664, 106.8288



72.2664, 84.1478, 104.5297



17.7976, 18.2239, 22.8295



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.



59.9753, 56.8720, 99.9128



55.7383, 51.1935, 101.5514



68.4172, 61.2239, 100.3079



16.4710, 16.7399, 21.7483



9.4839, 3.8318, 48.2133



0.9371, 0.3851, 4.4681

Inverse Universe

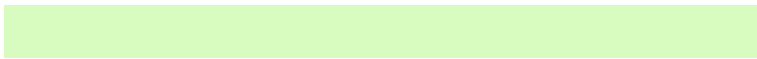
The Inverse Universe completely reimagines the original color for something new.



75.4778, 64.9896, 94.9547



74.4661, 61.0049, 95.3406



72.6455, 88.0269, 63.0338



17.9007, 17.4876, 21.3329



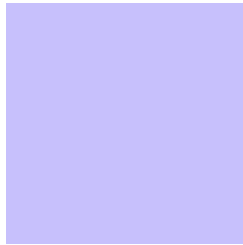
27.8583, 13.5590, 37.5577



2.6041, 1.2654, 3.6046

Previews

White Background



This preview shows how the XYZ color 59.9735, 56.8697, 99.9115 looks on a white background.

Color Contrast Check

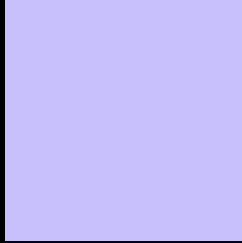
Large Text (above 18pt) WCAG AA × Fail

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 59.9735, 56.8697, 99.9115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

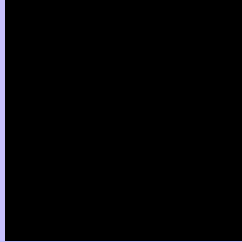
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9735, 56.8697, 99.9115

Background



This preview shows how black text looks on a background with the XYZ color 59.9735, 56.8697, 99.9115.

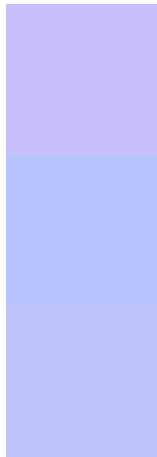


This preview shows how white text looks on a background with the XYZ color 59.9735, 56.8697,

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

59.9735, 56.8697, 99.9115

Protanopia

57.3184, 56.7671, 102.5439

Deuteranopia

58.1629, 56.9424, 99.1923



Tritanopia

54.4274, 56.9596, 72.4157

Trichromacy



Original Color

59.9735, 56.8697, 99.9115

Protanomaly

58.3908, 57.0048, 101.6914

Deuteranomaly

58.6967, 56.8861, 99.1532

Tritanomaly

56.2492, 56.6834, 81.3751

Monochromacy



Original Color

59.9735, 56.8697, 99.9115

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.9318, 57.8348, 75.8728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9735, 56.8697, 99.9115 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(199, 192, 252)` looks like.

```
.text, #text, p{  
    color:rgb(199, 192, 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(199, 192, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 192, 252) }
```

Border

The CSS property to change the border of an element to XYZ 59.9735, 56.8697, 99.9115 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(199, 192, 252) }
```


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

```
.border{ border-color:rgb(199, 192, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 192, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 192, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 192, 252);  
box-shadow:4px 4px 4px 4px rgb(199, 192,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9735, 56.8697, 99.9115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 192, 252) }
```

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

```
.background{ background-color: rgb(199,  
192, 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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