

Converting Colors

XYZ(59.5345, 59.6855, 99.6495)

Have a look what the booklet for
XYZ(59.5345, 59.6855, 99.6495)
contains.

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Color

**XYZ(59.5344, 59.6855,
99.6494)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC9FB
RGB	190, 201, 251
RGB Percent	75%, 79%, 98%
CMY	0.2549, 0.2117, 0.0157
CMYK	0.24, 0.20, 0.00, 0.02
HSL	229°, 88%, 86%
HSV	229°, 24%, 98%
XYZ	59.5344, 59.6855, 99.6494
YIQ	203.4110, -22.6060, 13.2180

Conversions

Conversions Part 2

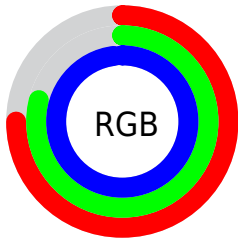
Format	Color
R _Y B	190, 199, 251
Decimal	12503547
CIE Lab	81.67, 6.83, -25.79
CIE LCh	82, 26.676, 284.829
Yxy	59.6855, 0.2720, 0.2727
Android (android.graphics.Color)	4290693627 (0xFFBEC9FB)
YUV	203.4110, 23.4614, -11.7614
Hunter-Lab	77.2564, 2.3549, -22.3959

Details

The XYZ color **59.5344, 59.6855, 99.6494** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.2386, 86.5472, 61.1930**, and the grayscale version is **56.8918, 59.8546, 65.1817**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **30.3247, 29.9967, 55.2306** is the 20% darker color. If you saturate the color by 10%, you get **49.3180, 47.7709, 97.8891**, and if you desaturate by 10%, it is **71.4765, 73.4461, 101.6770**.

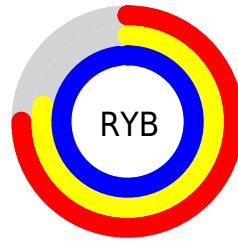
Distribution



Red (75%)

Green (79%)

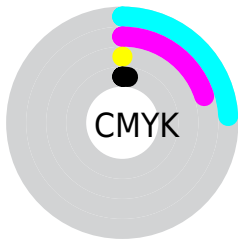
Blue (98%)



Red (75%)

Yellow (78%)

Blue (98%)

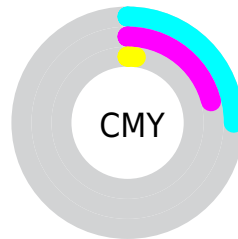


Cyan (24%)

Magenta (20%)

Yellow (0%)

Black (2%)



Cyan (25%)

Magenta (21%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5344, 59.6855, 99.6494 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 59.5344, 59.6855, 99.6494 by changing the saturation by 10% instead.

■ 59.5344, 59.6855,
99.6494

■ 59.5344, 59.6855,
99.6494

412.7417,
423.4376, 580.3051

■ 43.2915, 43.1652,
75.3925

■ 103.2642,
104.3733, 162.7230

■ 30.3094, 30.0147,
55.4308

131.4817,
133.3096, 202.3767

■ 20.2228, 19.8498,
39.3459

164.4215,
167.1533, 247.9999

■ 12.6663, 12.2859,
26.7190

202.4489,
206.2889, 300.0109

■ 7.2746, 6.9387,
17.1317

245.9293,
251.1007, 358.8284

■ 3.6823, 3.4238,
10.1655

295.2280,

■ 1.5240, 1.3568,

301.9732, 424.8709

5.4018

350.7103,
359.2907, 498.5570

■ 0.3421, 0.1845,
2.4220

■ 0.0000, 0.0000,
0.7984

■ 59.5344, 59.6855,
99.6494

■ 59.5344, 59.6855,
99.6494

■ 49.3180, 47.7709,
97.8891

■ 71.4765, 73.4461,
101.6770

■ 40.7409, 37.6158,
96.3810

■ 85.2139, 89.1198,
103.9783

■ 33.7179, 29.1377,
95.1148

■ 94.4128, 99.7451,
105.5444

■ 28.1532, 22.2440,
94.0774

■ 23.9406, 16.8333,
93.2551

■ 20.9584, 12.7916,
92.6321

■ 19.0613, 9.9864,
92.1907

■ 18.3615, 8.8625,
92.0106

Harmonies

Analogous

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



53.9536, 59.6855, 99.5861



59.5344, 59.6855, 99.6494



64.6768, 59.6855, 89.4445

Triad

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



59.5344, 59.6855, 99.6494



64.7264, 59.6855, 45.5547



46.9445, 59.6855, 57.2353

Complementary

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



59.5344, 59.6855, 99.6494



80.2386, 86.5472, 61.1930

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.



49.4610, 59.6855, 45.4521



59.5344, 59.6855, 99.6494



59.5985, 59.6855, 39.5039

Square

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



59.5344, 59.6855, 99.6494



67.8059, 59.6855, 57.3988



54.0137, 59.6855, 39.4697



46.9298, 59.6855, 73.2170

Rectangle

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



59.5344, 59.6855, 99.6494



67.0599, 59.6855, 79.0282



54.0137, 59.6855, 39.4697



47.5181, 59.6855, 52.7166

Sweetspot

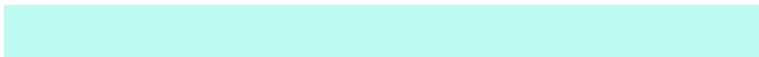
The Sweet Spot groups the original color and five complimentary colors.



59.5363, 59.6879, 99.6508



84.2941, 87.7882, 107.1098



71.4346, 86.2231, 95.1742



17.8534, 18.5750, 22.8943



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.



59.5363, 59.6879, 99.6508



56.4959, 55.8061, 102.4017



62.2116, 57.3951, 99.0672



16.5362, 17.1492, 21.8239



9.7258, 4.8071, 48.3888



0.9678, 0.5793, 4.5040

Inverse Universe

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



68.7413, 61.5548, 63.5192



67.5552, 58.2406, 58.9484



76.9687, 89.8160, 61.9963



17.3724, 17.2763, 18.5509



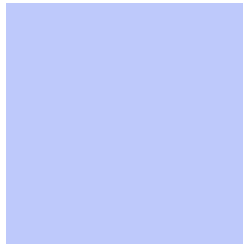
21.2011, 10.8962, 2.5017



1.9974, 1.0227, 0.4099

Previews

White Background



This preview shows how the XYZ color 59.5344, 59.6855, 99.6494 looks on a white background.

Color Contrast Check

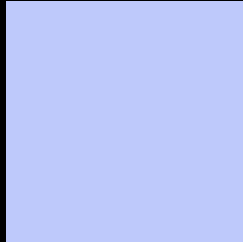
Large Text (above 18pt) WCAG AA × Fail

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 59.5344, 59.6855, 99.6494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

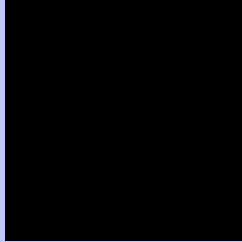
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5344, 59.6855, 99.6494

Background



This preview shows how black text looks on a background with the XYZ color 59.5344, 59.6855, 99.6494.



This preview shows how white text looks on a background with the XYZ color 59.5344, 59.6855,

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

59.5344, 59.6855, 99.6494

Protanopia

59.7851, 59.8147, 99.6612

Deuteranopia

61.1247, 59.8176, 99.5911



Tritanopia

55.0233, 59.6069, 77.7125

Trichromacy



Original Color

59.5344, 59.6855, 99.6494

Protanomaly

59.7851, 59.8147, 99.6612

Deuteranomaly

60.5725, 59.8757, 99.6314

Tritanomaly

56.5505, 59.5080, 85.5965

Monochromacy



Original Color

59.5344, 59.6855, 99.6494

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3275, 59.4141, 76.1567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5344, 59.6855, 99.6494 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(190, 201, 251)` looks like.

```
.text, #text, p{  
    color:rgb(190, 201, 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(190, 201, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 201, 251) }
```

Border

The CSS property to change the border of an element to XYZ 59.5344, 59.6855, 99.6494 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(190, 201, 251) }
```


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

```
.border{ border-color:rgb(190, 201, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 201, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 201, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 201, 251);  
box-shadow:4px 4px 4px 4px rgb(190, 201,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5344, 59.6855, 99.6494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 201, 251) }
```

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

```
.background{ background-color: rgb(190,  
201, 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](#).

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