

Converting Colors

XYZ(59.0353, 59.4105, 95.0212)

Have a look what the booklet for
XYZ(59.0353, 59.4105, 95.0212)
contains.

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Color

**XYZ(59.1063, 59.5723,
94.7696)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C9F5
RGB	192, 201, 245
RGB Percent	75%, 79%, 96%
CMY	0.2470, 0.2117, 0.0392
CMYK	0.22, 0.18, 0.00, 0.04
HSL	230°, 73%, 86%
HSV	230°, 22%, 96%
XYZ	59.1063, 59.5723, 94.7696
YIQ	203.3250, -19.4880, 11.7760

Conversions

Conversions Part 2

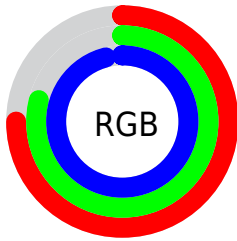
Format	Color
R _Y B	192, 200, 245
Decimal	12634613
CIE Lab	81.61, 6.07, -22.67
CIE LCh	82, 23.469, 284.979
Yxy	59.5723, 0.2769, 0.2791
Android (android.graphics.Color)	4290824693 (0xFFC0C9F5)
YUV	203.3250, 20.5458, -9.9320
Hunter-Lab	77.1831, 1.6237, -18.7713

Details

The XYZ color **59.1063, 59.5723, 94.7696** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.1668, 83.2094, 61.8647**, and the grayscale version is **56.8541, 59.8150, 65.1385**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **30.1003, 29.9448, 52.3376** is the 20% darker color. If you saturate the color by 10%, you get **48.9803, 47.7748, 93.0271**, and if you desaturate by 10%, it is **70.8965, 73.1626, 96.7724**.

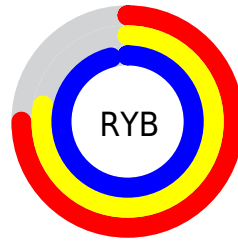
Distribution



Red (75%)

Green (79%)

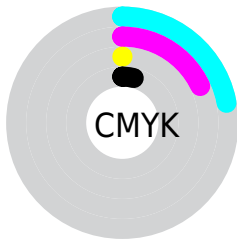
Blue (96%)



Red (75%)

Yellow (78%)

Blue (96%)

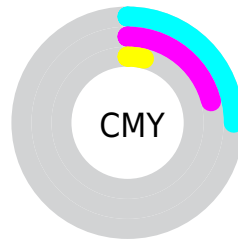


Cyan (22%)

Magenta (18%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (21%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1063, 59.5723, 94.7696 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 59.1063, 59.5723, 94.7696 by changing the saturation by 10% instead.

■ 59.1063, 59.5723,
94.7696

■ 59.1063, 59.5723,
94.7696

411.1835,
423.0195, 564.3926

■ 42.9454, 43.0740,
71.3474

■ 102.6459,
104.2090, 155.9391

■ 30.0366, 29.9432,
52.1422

130.7553,
133.1161, 194.5235

■ 20.0146, 19.7955,
36.7354

163.5782,
166.9284, 238.9990

■ 12.5140, 12.2464,
24.7085

201.4800,
206.0301, 289.7842

■ 7.1694, 6.9118,
15.6430

244.8261,
250.8057, 347.2976

■ 3.6155, 3.4070,
9.1203

293.9818,

■ 1.4870, 1.3477,

301.6395, 411.9578

4.7218

349.3125,
358.9160, 484.1833

■ 0.3170, 0.1777,
2.0291

■ 0.0000, 0.0000,
0.5731

■ 59.1063, 59.5723,
94.7696

■ 59.1063, 59.5723,
94.7696

■ 48.9803, 47.7748,
93.0271

■ 70.8965, 73.1626,
96.7724

■ 40.4372, 37.6874,
91.5303

■ 84.4159, 88.6091,
99.0413

■ 33.3975, 29.2319,
90.2693

■ 93.4816, 99.3726,
100.6410

■ 27.7722, 22.3210,
89.2318

■ 23.4629, 16.8587,
88.4046

■ 20.3577, 12.7383,
87.7730

■ 18.3255, 9.8369,
87.3201

■ 17.2959, 8.2212,
87.0625

Harmonies

Analogous

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



54.2012, 59.5723, 94.7630



59.1063, 59.5723, 94.7696



63.5871, 59.5723, 86.0160

Triad

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



59.1063, 59.5723, 94.7696



63.5923, 59.5723, 47.5108



47.9541, 59.5723, 58.0821

Complementary

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



59.1063, 59.5723, 94.7696



77.1668, 83.2094, 61.8647

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.



50.1845, 59.5723, 47.4995



59.1063, 59.5723, 94.7696



59.1131, 59.5723, 42.0258

Square

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



59.1063, 59.5723, 94.7696



66.2774, 59.5723, 58.0998



54.2077, 59.5723, 42.0220



47.9525, 59.5723, 72.1341

Rectangle

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



59.1063, 59.5723, 94.7696



65.6494, 59.5723, 77.0321



54.2077, 59.5723, 42.0220



48.4621, 59.5723, 54.0501

Sweetspot

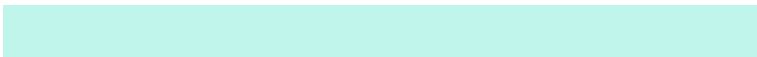
The Sweet Spot groups the original color and five complimentary colors.



59.1082, 59.5747, 94.7710



85.7245, 89.3750, 107.3407



69.4283, 82.5271, 91.0833



18.1404, 18.8921, 22.9404



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.



59.1082, 59.5747, 94.7710



59.6071, 59.2908, 102.9104



61.5657, 57.8172, 94.3022



15.8086, 16.3815, 20.8713



9.3851, 4.5640, 46.9243



0.8885, 0.5284, 4.1454

Inverse Universe

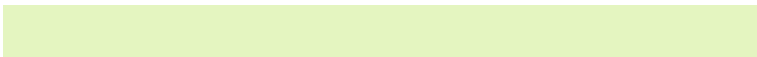
The Inverse Universe completely reimagines the original color for something new.



67.0500, 61.3304, 63.5650



69.7938, 61.6945, 62.8491



74.2318, 85.6412, 62.4888



16.6140, 16.5284, 17.7137



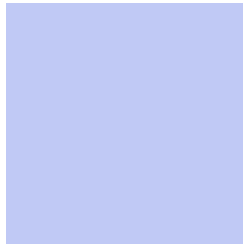
20.5417, 10.5601, 2.2949



1.8375, 0.9410, 0.3708

Previews

White Background



This preview shows how the XYZ color 59.1063, 59.5723, 94.7696 looks on a white background.

Color Contrast Check

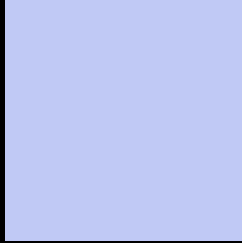
Large Text (above 18pt) WCAG AA × Fail

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 59.1063, 59.5723, 94.7696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

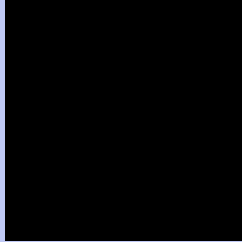
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1063, 59.5723, 94.7696

Background



This preview shows how black text looks on a background with the XYZ color 59.1063, 59.5723, 94.7696.



This preview shows how white text looks on a background with the XYZ color 59.1063, 59.5723,

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

59.1063, 59.5723, 94.7696

Protanopia

59.3604, 59.7033, 94.7815

Deuteranopia

60.9160, 59.4595, 95.4550



Tritanopia

55.6215, 59.5745, 76.9741

Trichromacy



Original Color

59.1063, 59.5723, 94.7696

Protanomaly

59.3604, 59.7033, 94.7815

Deuteranomaly

60.3467, 59.5064, 95.4941

Tritanomaly

56.8621, 59.7177, 83.3926

Monochromacy



Original Color

59.1063, 59.5723, 94.7696

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3286, 59.4451, 74.7822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1063, 59.5723, 94.7696 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(192, 201, 245)` looks like.

```
.text, #text, p{  
    color:rgb(192, 201, 245)  
}
```

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(192, 201, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 201, 245) }
```

Border

The CSS property to change the border of an element to XYZ 59.1063, 59.5723, 94.7696 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(192, 201, 245) }
```


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

```
.border{ border-color:rgb(192, 201, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 201, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 201, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 201, 245);  
box-shadow:4px 4px 4px 4px rgb(192, 201,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1063, 59.5723, 94.7696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 201, 245) }
```

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

```
.background{ background-color: rgb(192,  
201, 245) }
```

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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