

Converting Colors

XYZ(59.6209, 65.1712, 91.9449)

Have a look what the booklet for
XYZ(59.6209, 65.1712, 91.9449)
contains.

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Color

**XYZ(59.5571, 64.9594,
91.8375)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D7F0
RGB	183, 215, 240
RGB Percent	72%, 84%, 94%
CMY	0.2823, 0.1568, 0.0588
CMYK	0.24, 0.10, 0.00, 0.06
HSL	206°, 66%, 83%
HSV	206°, 24%, 94%
XYZ	59.5571, 64.9594, 91.8375
YIQ	208.2820, -27.0970, 0.9910

Conversions

Conversions Part 2

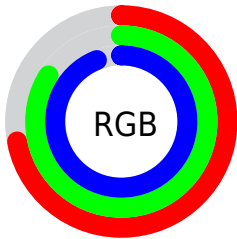
Format	Color
R _{YB}	183, 203, 240
Decimal	12048368
CIE Lab	84.46, -5.17, -15.75
CIE LCh	84, 16.581, 251.834
Yxy	64.9594, 0.2753, 0.3002
Android (android.graphics.Color)	4290238448 (0xFFB7D7F0)
YUV	208.2820, 15.6370, -22.1723
Hunter-Lab	80.5974, -9.1436, -11.1404

Details

The XYZ color **59.5571, 64.9594, 91.8375** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.0392, 67.0565, 54.2113**, and the grayscale version is **60.0530, 63.1805, 68.8035**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **30.2758, 33.2694, 50.1733** is the 20% darker color. If you saturate the color by 10%, you get **51.7339, 57.0762, 90.7293**, and if you desaturate by 10%, it is **68.5301, 73.6945, 93.0517**.

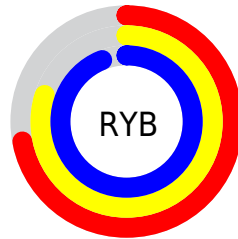
Distribution



Red (72%)

Green (84%)

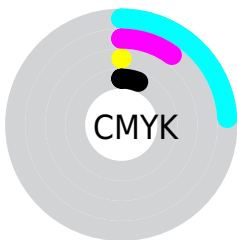
Blue (94%)



Red (72%)

Yellow (80%)

Blue (94%)

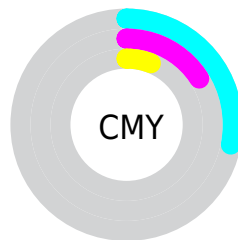


Cyan (24%)

Magenta (10%)

Yellow (0%)

Black (6%)



Cyan (28%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5571, 64.9594, 91.8375 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 59.5571, 64.9594, 91.8375 by changing the saturation by 10% instead.

■ 59.5571, 64.9594,
91.8375

■ 59.5571, 64.9594,
91.8375

412.8243,
442.6461, 554.7138

■ 43.3098, 47.4282,
68.9234

■ 103.2969,
111.9915, 151.8459

■ 30.3239, 33.3743,
50.1780

131.5202,
142.2611, 189.7773

■ 20.2338, 22.4133,
35.1826

164.4662,
177.5457, 233.5514

■ 12.6744, 14.1609,
23.5189

202.5002,
218.2295, 283.5870

■ 7.2802, 8.2327,
14.7683

245.9877,
264.6971, 340.3025

■ 3.6858, 4.2442,
8.5121

295.2940,

■ 1.5260, 1.8111,

317.3328, 404.1164

4.3319

350.7844,
376.5210, 475.4473

■ 0.3434, 0.4941,
1.8091

■ 0.0000, 0.0000,
0.4340

■ 59.5571, 64.9594,
91.8375

■ 59.5571, 64.9594,
91.8375

■ 51.7339, 57.0762,
90.7293

■ 68.5301, 73.6945,
93.0517

■ 45.0019, 50.0052,
89.7193

■ 78.6958, 83.3036,
94.3706

■ 39.3061, 43.7147,
88.8053

■ 90.1011, 93.8167,
95.7988

■ 34.5839, 38.1673,
87.9834

■ 92.7284, 99.0714,
96.6745

■ 30.7652, 33.3217,
87.2494

■ 27.7692, 29.1309,
86.5984

■ 25.4984, 25.5388,
86.0247

■ 24.3570, 23.5485,
85.7007

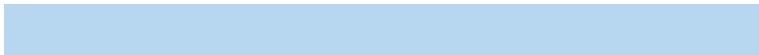
Harmonies

Analogous

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



56.6070, 64.9594, 85.1604



59.5571, 64.9594, 91.8375



63.2079, 64.9594, 92.5303

Triad

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



59.5571, 64.9594, 91.8375



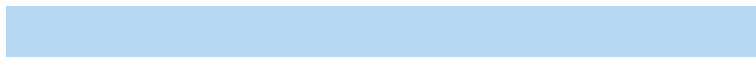
68.9468, 64.9594, 66.6455



57.1314, 64.9594, 56.6497

Complementary

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



59.5571, 64.9594, 91.8375



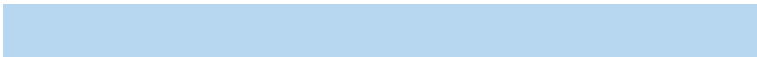
67.0392, 67.0565, 54.2113

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.



60.2989, 64.9594, 52.6542



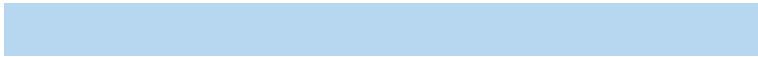
59.5571, 64.9594, 91.8375



67.1784, 64.9594, 58.0289

Square

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



59.5571, 64.9594, 91.8375



68.7288, 64.9594, 77.2532



63.9796, 64.9594, 53.1326



55.2454, 64.9594, 64.5843

Rectangle

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



59.5571, 64.9594, 91.8375



65.5589, 64.9594, 89.4275



63.9796, 64.9594, 53.1326



58.0761, 64.9594, 54.8387

Sweetspot

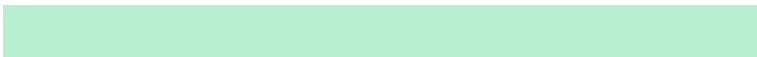
The Sweet Spot groups the original color and five complimentary colors.



59.5591, 64.9620, 91.8390



86.3385, 91.8769, 107.7912



62.0383, 76.9281, 71.0616



18.3262, 19.5206, 23.0519



0.0000, 0.0000, 0.0000



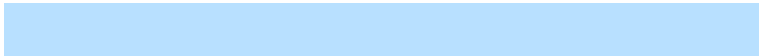
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.5591, 64.9620, 91.8390



64.2930, 70.5041, 104.8278



52.9861, 51.8162, 89.6480



15.6335, 16.7012, 20.1213



13.4681, 13.1604, 46.9582



1.2193, 1.2926, 3.9395

Inverse Universe

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



65.1361, 57.3003, 71.9198



71.7096, 60.7399, 78.2429



74.5367, 82.0515, 56.7105



16.1445, 15.9075, 18.3169



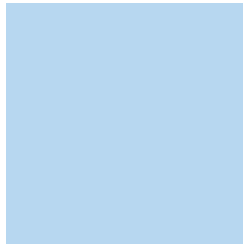
22.1237, 11.1219, 13.8338



1.8904, 0.9452, 1.4137

Previews

White Background



This preview shows how the XYZ color 59.5571, 64.9594, 91.8375 looks on a white background.

Color Contrast Check

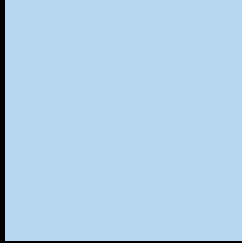
Large Text (above 18pt) WCAG AA × Fail

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 59.5571, 64.9594, 91.8375 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

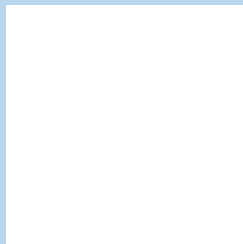
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5571, 64.9594, 91.8375

Background



This preview shows how black text looks on a background with the XYZ color 59.5571, 64.9594, 91.8375.



This preview shows how white text looks on a background with the XYZ color 59.5571, 64.9594,

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

59.5571, 64.9594, 91.8375

Protanopia

63.3944, 64.7789, 88.5192

Deuteranopia

66.1772, 64.6724, 92.9995



Tritanopia

58.5553, 64.9400, 86.5393

Trichromacy



Original Color

59.5571, 64.9594, 91.8375

Protanomaly

61.8690, 64.7087, 89.3499

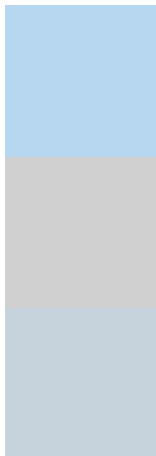
Deuteranomaly

63.5795, 64.7892, 92.3737

Tritanomaly

58.9876, 65.1129, 88.8160

Monochromacy



Original Color

59.5571, 64.9594, 91.8375

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.7657, 63.8980, 76.8937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5571, 64.9594, 91.8375 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(183, 215, 240)` looks like.

```
.text, #text, p{  
    color:rgb(183, 215, 240)  
}
```

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(183, 215, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 215, 240) }
```

Border

The CSS property to change the border of an element to XYZ 59.5571, 64.9594, 91.8375 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(183, 215, 240) }
```


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

```
.border{ border-color:rgb(183, 215, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 215, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 215, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 215, 240);  
box-shadow:4px 4px 4px 4px rgb(183, 215,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5571, 64.9594, 91.8375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 215, 240) }
```

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

```
.background{ background-color: rgb(183,  
215, 240) }
```

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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