

Converting Colors

XYZ(59.4303, 65.6202, 93.5381)

Have a look what the booklet for
XYZ(59.4303, 65.6202, 93.5381)
contains.

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Color

**XYZ(59.4303, 65.6202,
93.5381)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D9F2
RGB	179, 217, 242
RGB Percent	70%, 85%, 95%
CMY	0.2980, 0.1490, 0.0510
CMYK	0.26, 0.10, 0.00, 0.05
HSL	204°, 71%, 83%
HSV	204°, 26%, 95%
XYZ	59.4303, 65.6202, 93.5381
YIQ	208.4880, -30.6730, -0.2810

Conversions

Conversions Part 2

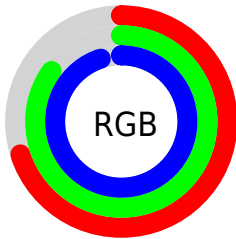
Format	Color
R _Y B	179, 203, 242
Decimal	11786738
CIE Lab	84.80, -6.94, -16.33
CIE LCh	85, 17.740, 246.983
Yxy	65.6202, 0.2719, 0.3002
Android (android.graphics.Color)	4289976818 (0xFFB3D9F2)
YUV	208.4880, 16.5214, -25.8610
Hunter-Lab	81.0063, -10.8044, -11.7579

Details

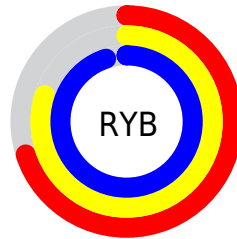
The XYZ color **59.4303, 65.6202, 93.5381** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.3484, 65.3183, 51.7603**, and the grayscale version is **60.1829, 63.3171, 68.9523**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **30.2407, 33.7458, 51.3741** is the 20% darker color. If you saturate the color by 10%, you get **51.9173, 58.1805, 92.4992**, and if you desaturate by 10%, it is **68.0729, 73.8592, 94.6740**.

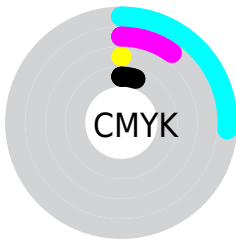
Distribution



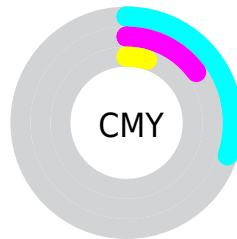
- Red (70%)
- Green (85%)
- Blue (95%)



- Red (70%)
- Yellow (80%)
- Blue (95%)



- Cyan (26%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (30%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4303, 65.6202, 93.5381 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 59.4303, 65.6202, 93.5381 by changing the saturation by 10% instead.

■ 59.4303, 65.6202,
93.5381

■ 59.4303, 65.6202,
93.5381

412.3631,
445.0174, 560.3385

■ 43.2073, 47.9642,
70.3287

■ 103.1139,
112.9410, 154.2215

■ 30.2430, 33.7985,
51.3161

131.3051,
143.3746, 192.5326

■ 20.1721, 22.7388,
36.0817

164.2165,
178.8362, 236.7147

■ 12.6292, 14.4008,
24.2071

202.2135,
219.7101, 287.1863

■ 7.2490, 8.3999,
15.2737

245.6612,
266.3808, 344.3659

■ 3.6660, 4.3519,
8.8630

294.9252,

■ 1.5150, 1.8723,

319.2326, 408.6721

4.5563

350.3707,
378.6500, 480.5235

■ 0.3360, 0.5316,
1.9352

■ 0.0000, 0.0000,
0.5150

■ 59.4303, 65.6202,
93.5381

■ 59.4303, 65.6202,
93.5381

■ 51.9173, 58.1805,
92.4992

■ 68.0729, 73.8592,
94.6740

■ 45.4741, 51.5010,
91.5495

■ 77.8889, 82.9188,
95.9053

■ 40.0444, 45.5504,
90.6871

■ 88.9272, 92.8293,
97.2364

■ 35.5635, 40.2917,
89.9082

■ 93.0272, 99.1909,
98.2482

■ 31.9588, 35.6834,
89.2087

■ 29.1456, 31.6781,
88.5839

■ 27.0198, 28.2176,
88.0280

■ 26.3026, 26.9616,
87.8233

Harmonies

Analogous

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



56.4642, 65.6202, 85.4363



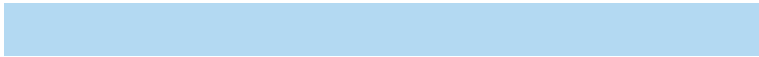
59.4303, 65.6202, 93.5381



63.3034, 65.6202, 95.4412

Triad

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



59.4303, 65.6202, 93.5381



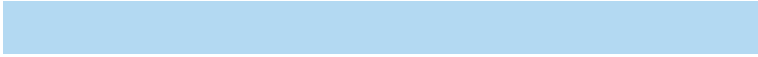
70.2645, 65.6202, 68.8221



57.8861, 65.6202, 55.3579

Complementary

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



59.4303, 65.6202, 93.5381



66.3484, 65.3183, 51.7603

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.



61.4458, 65.6202, 51.8580



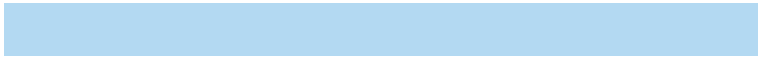
59.4303, 65.6202, 93.5381



68.6740, 65.6202, 59.0787

Square

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



59.4303, 65.6202, 93.5381



69.6691, 65.6202, 80.3503



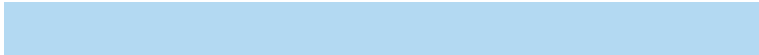
65.4051, 65.6202, 53.1442



55.5995, 65.6202, 63.2311

Rectangle

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



59.4303, 65.6202, 93.5381



65.9010, 65.6202, 92.7744



65.4051, 65.6202, 53.1442



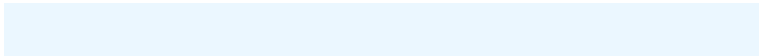
58.9675, 65.6202, 53.6713

Sweetspot

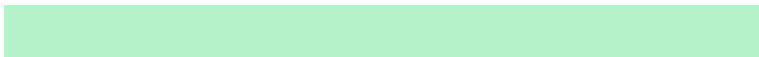
The Sweet Spot groups the original color and five complimentary colors.



59.4323, 65.6228, 93.5396



85.4109, 91.2779, 107.7245



61.1414, 77.4083, 68.3141



17.9146, 19.2009, 23.0119



0.0000, 0.0000, 0.0000



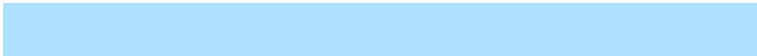
20.3446, 21.4041, 23.3091

Same Dimension

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



59.4323, 65.6228, 93.5396



62.5005, 69.5588, 104.7398



52.2517, 51.2617, 91.1461



15.6905, 16.8151, 20.1403



14.2669, 14.7581, 47.2245



1.2837, 1.4214, 3.9609

Inverse Universe

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



65.2641, 56.1289, 73.0427



70.1604, 57.6530, 77.6910



74.3641, 81.3497, 54.4322



16.1732, 15.9190, 18.4684



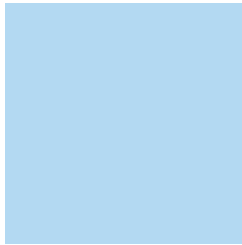
22.5269, 11.2832, 15.9571



1.9229, 0.9582, 1.5849

Previews

White Background



This preview shows how the XYZ color 59.4303, 65.6202, 93.5381 looks on a white background.

Color Contrast Check

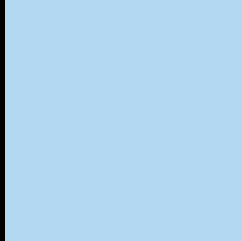
Large Text (above 18pt) WCAG AA × Fail

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 59.4303, 65.6202, 93.5381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

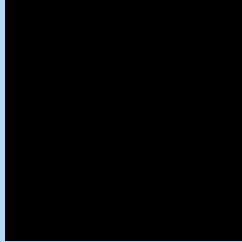
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

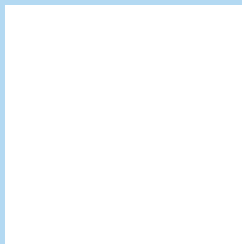
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4303, 65.6202, 93.5381

Background



This preview shows how black text looks on a background with the XYZ color 59.4303, 65.6202, 93.5381.

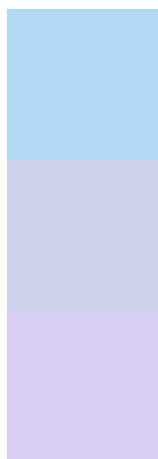


This preview shows how white text looks on a background with the XYZ color 59.4303, 65.6202,

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

59.4303, 65.6202, 93.5381

Protanopia

64.0648, 65.4730, 89.3817

Deuteranopia

66.7193, 65.2732, 94.6704



Tritanopia

58.5718, 65.6639, 88.9442

Trichromacy



Original Color

59.4303, 65.6202, 93.5381

Protanomaly

62.4002, 65.6908, 91.0521

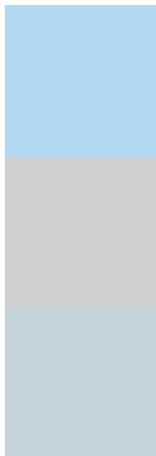
Deuteranomaly

63.8529, 65.2608, 94.0252

Tritanomaly

58.8641, 65.7808, 90.4834

Monochromacy



Original Color

59.4303, 65.6202, 93.5381

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.2385, 63.6262, 76.8690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4303, 65.6202, 93.5381 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(179, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(179, 217, 242)  
}
```

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(179, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 217, 242) }
```

Border

The CSS property to change the border of an element to XYZ 59.4303, 65.6202, 93.5381 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(179, 217, 242) }
```


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

```
.border{ border-color:rgb(179, 217, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 217, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(179, 217,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4303, 65.6202, 93.5381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 217, 242) }
```

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

```
.background{ background-color: rgb(179,  
217, 242) }
```

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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