

Converting Colors

XYZ(58.1267, 64.9216, 91.6721)

Have a look what the booklet for
XYZ(58.1267, 64.9216, 91.6721)
contains.

XYZ(58.2202, 65.0309, 91.9218)	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(58.2202, 65.0309,
91.9218)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD9F0
RGB	175, 217, 240
RGB Percent	69%, 85%, 94%
CMY	0.3137, 0.1490, 0.0588
CMYK	0.27, 0.10, 0.00, 0.06
HSL	201°, 68%, 81%
HSV	201°, 27%, 94%
XYZ	58.2202, 65.0309, 91.9218
YIQ	207.0640, -32.4150, -1.7510

Conversions

Conversions Part 2

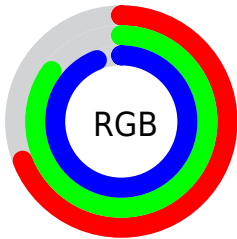
Format	Color
R _Y B	175, 201, 240
Decimal	11524592
CIE Lab	84.50, -8.55, -15.75
CIE LCh	84, 17.921, 241.491
Yxy	65.0309, 0.2706, 0.3022
Android (android.graphics.Color)	4289714672 (0xFFAFD9F0)
YUV	207.0640, 16.2374, -28.1201
Hunter-Lab	80.6417, -12.2530, -11.1342

Details

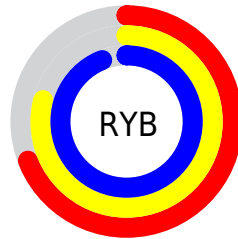
The XYZ color **58.2202, 65.0309, 91.9218** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.8680, 62.0091, 49.1617**, and the grayscale version is **59.2646, 62.3510, 67.9002**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **29.4572, 33.3663, 50.2352** is the 20% darker color. If you saturate the color by 10%, you get **51.1725, 58.2330, 90.9822**, and if you desaturate by 10%, it is **66.3418, 72.5527, 92.9467**.

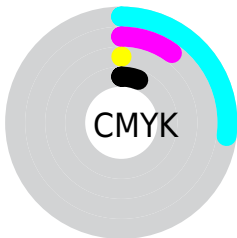
Distribution



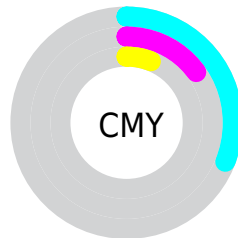
- Red (69%)
- Green (85%)
- Blue (94%)



- Red (69%)
- Yellow (79%)
- Blue (94%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (31%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2202, 65.0309, 91.9218 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 58.2202, 65.0309, 91.9218 by changing the saturation by 10% instead.

■ 58.2202, 65.0309,
91.9218

■ 58.2202, 65.0309,
91.9218

407.9466,
442.9030, 554.9934

■ 42.2296, 47.4861,
68.9930

■ 101.3646,
112.0943, 151.9638

■ 29.4730, 33.4201,
50.2343

129.2491,
142.3817, 189.9140

■ 19.5850, 22.4485,
35.2271

161.8290,
177.6854, 233.7085

■ 12.2003, 14.1868,
23.5529

199.4697,
218.3899, 283.7658

■ 6.9534, 8.2507,
14.7932

242.5364,
264.8795, 340.5043

■ 3.4790, 4.2558,
8.5294

291.3945,

■ 1.4119, 1.8177,

317.5386, 404.3428

4.3429

346.4095,
376.7517, 475.6996

■ 0.2647, 0.4981,
1.8153

■ 0.0000, 0.0000,
0.4380

■ 58.2202, 65.0309,
91.9218

■ 58.2202, 65.0309,
91.9218

■ 51.1725, 58.2330,
90.9822

■ 66.3418, 72.5527,
92.9467

■ 45.1403, 52.1219,
90.1206

■ 75.5800, 80.8182,
94.0552

■ 40.0687, 46.6680,
89.3352

■ 85.9822, 89.8558,
95.2514

■ 35.8943, 41.8363,
88.6226

■ 91.4563, 96.5272,
96.2506

■ 32.5459, 37.5873,
87.9789

■ 92.7284, 99.0714,
96.6746

■ 29.9397, 33.8751,
87.3998

■ 27.9685, 30.6415,
86.8795

■ 27.4640, 29.7626,
86.7365

Harmonies

Analogous

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



55.4964, 65.0309, 82.9154



58.2202, 65.0309, 91.9218



62.0098, 65.0309, 95.1197

Triad

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



58.2202, 65.0309, 91.9218



69.8003, 65.0309, 70.2374



57.8886, 65.0309, 53.6767

Complementary

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



58.2202, 65.0309, 91.9218



63.8680, 62.0091, 49.1617

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.



61.6105, 65.0309, 51.0372



58.2202, 65.0309, 91.9218



68.5850, 65.0309, 59.9399

Square

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



58.2202, 65.0309, 91.9218



68.7992, 65.0309, 81.8202



65.5442, 65.0309, 53.2028



55.3108, 65.0309, 60.8304

Rectangle

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



58.2202, 65.0309, 91.9218



64.6632, 65.0309, 93.2810



65.5442, 65.0309, 53.2028



59.0418, 65.0309, 52.2689

Sweetspot

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



58.2222, 65.0335, 91.9233



85.6795, 91.8151, 107.8140



59.0049, 75.5011, 64.7398



17.9824, 19.3364, 23.0345



0.0000, 0.0000, 0.0000



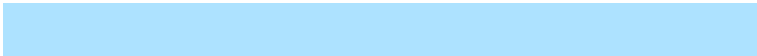
20.3446, 21.4041, 23.3091

Same Dimension

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



58.2222, 65.0335, 91.9233



62.6036, 70.6127, 104.9378



50.7055, 50.0002, 89.4177



15.7495, 16.9331, 20.1599



15.1639, 16.5520, 47.5235



1.3548, 1.5635, 3.9846

Inverse Universe

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



63.7911, 54.1966, 72.7473



70.0056, 56.7988, 79.3178



72.0407, 78.3546, 51.8860



16.2030, 15.9309, 18.6252



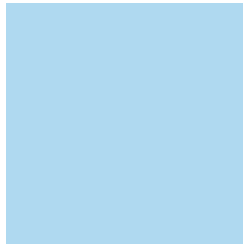
22.9797, 11.4643, 18.3413



1.9588, 0.9726, 1.7737

Previews

White Background



This preview shows how the XYZ color 58.2202, 65.0309, 91.9218 looks on a white background.

Color Contrast Check

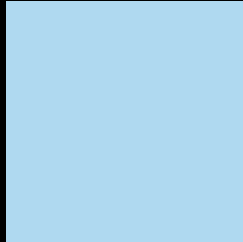
Large Text (above 18pt) WCAG AA × Fail

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 58.2202, 65.0309, 91.9218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

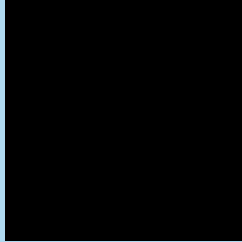
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2202, 65.0309, 91.9218

Background



This preview shows how black text looks on a background with the XYZ color 58.2202, 65.0309, 91.9218.

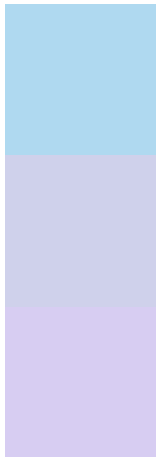


This preview shows how white text looks on a background with the XYZ color 58.2202, 65.0309,

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

58.2202, 65.0309, 91.9218

Protanopia

63.5280, 64.8645, 87.7691

Deuteranopia

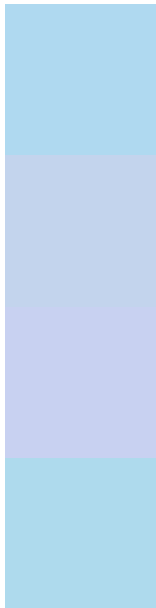
65.8827, 64.5205, 92.9857



Tritanopia

57.5224, 65.1396, 88.1387

Trichromacy



Original Color

58.2202, 65.0309, 91.9218

Protanomaly

61.3352, 64.8035, 89.3964

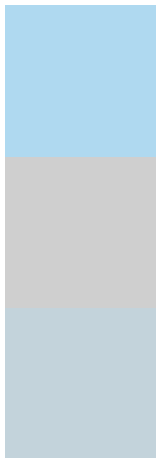
Deuteranomaly

62.4971, 64.2312, 92.3230

Tritanomaly

57.8130, 65.2559, 89.6693

Monochromacy



Original Color

58.2202, 65.0309, 91.9218

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.5861, 63.3051, 76.1491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2202, 65.0309, 91.9218 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(175, 217, 240)` looks like.

```
.text, #text, p{  
    color:rgb(175, 217, 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(175, 217, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 217, 240) }
```

Border

The CSS property to change the border of an element to XYZ 58.2202, 65.0309, 91.9218 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(175, 217, 240) }
```


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

```
.border{ border-color:rgb(175, 217, 240) }
```

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

Here you see how a box with a 4 pixel rgb(175, 217, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 217, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 217, 240);  
box-shadow:4px 4px 4px 4px rgb(175, 217,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2202, 65.0309, 91.9218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 217, 240) }
```

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

```
.background{ background-color: rgb(175,  
217, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor