

Converting Colors

XYZ(59.0845, 65.7957, 91.8694)

Have a look what the booklet for
XYZ(59.0845, 65.7957, 91.8694)
contains.

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Color

**XYZ(59.1597, 65.8991,
92.0398)**

Conversions

Conversions Part 1

Format	Color
Hex	B2DAF0
RGB	178, 218, 240
RGB Percent	70%, 85%, 94%
CMY	0.3019, 0.1451, 0.0588
CMYK	0.26, 0.09, 0.00, 0.06
HSL	201°, 67%, 82%
HSV	201°, 26%, 94%
XYZ	59.1597, 65.8991, 92.0398
YIQ	208.5480, -30.9020, -1.6380

Conversions

Conversions Part 2

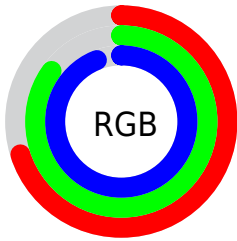
Format	Color
R _{YB}	178, 202, 240
Decimal	11721456
CIE Lab	84.94, -8.20, -15.06
CIE LCh	85, 17.150, 241.431
Yxy	65.8991, 0.2725, 0.3035
Android (android.graphics.Color)	4289911536 (0xFFB2DAF0)
YUV	208.5480, 15.5058, -26.7906
Hunter-Lab	81.1783, -11.9778, -10.3981

Details

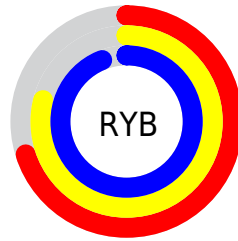
The XYZ color **59.1597, 65.8991, 92.0398** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64.6261, 63.0485, 50.8845**, and the grayscale version is **60.2284, 63.3649, 69.0044**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **30.0611, 33.9402, 50.3141** is the 20% darker color. If you saturate the color by 10%, you get **51.9760, 59.0030, 91.0884**, and if you desaturate by 10%, it is **67.4242, 73.5241, 93.0771**.

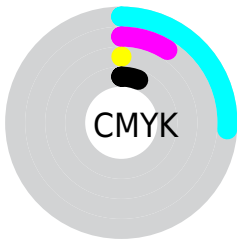
Distribution



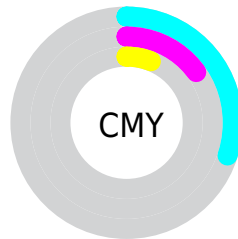
- Red (70%)
- Green (85%)
- Blue (94%)



- Red (70%)
- Yellow (79%)
- Blue (94%)



- Cyan (26%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (30%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1597, 65.8991, 92.0398 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 59.1597, 65.8991, 92.0398 by changing the saturation by 10% instead.

■ 59.1597, 65.8991,
92.0398

■ 59.1597, 65.8991,
92.0398

411.3780,
446.0159, 555.3845

■ 42.9886, 48.1905,
69.0905

■ 102.7230,
113.3415, 152.1287

■ 30.0706, 33.9778,
50.3132

130.8459,
143.8441, 190.1054

■ 20.0405, 22.8765,
35.2894

163.6835,
179.3801, 233.9283

■ 12.5329, 14.5024,
23.6005

201.6010,
220.3340, 284.0159

■ 7.1825, 8.4709,
14.8281

244.9638,
267.0902, 340.7868

■ 3.6238, 4.3977,
8.5536

294.1374,

■ 1.4916, 1.8984,

320.0329, 404.6595

4.3583

349.4870,
379.5467, 476.0526

■ 0.3201, 0.5474,
1.8239

■ 0.0000, 0.0000,
0.4437

■ 59.1597, 65.8991,
92.0398

■ 59.1597, 65.8991,
92.0398

■ 51.9760, 59.0030,
91.0884

■ 67.4242, 73.5241,
93.0771

■ 45.8153, 52.7985,
90.2156

■ 76.8117, 81.8973,
94.1985

■ 40.6230, 47.2567,
89.4195

■ 87.3694, 91.0469,
95.4081

■ 36.3370, 42.3428,
88.6970

■ 91.7993, 97.2132,
96.3648

■ 32.8869, 38.0178,
88.0440

■ 92.7284, 99.0714,
96.6745

■ 30.1909, 34.2370,
87.4563

■ 28.1484, 30.9455,
86.9286

■ 27.4246, 29.6838,
86.7233

Harmonies

Analogous

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



56.5258, 65.8991, 83.3919



59.1597, 65.8991, 92.0398



62.8203, 65.8991, 95.1145

Triad

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



59.1597, 65.8991, 92.0398



70.3346, 65.8991, 71.2244



58.8518, 65.8991, 55.1334

Complementary

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



59.1597, 65.8991, 92.0398



64.6261, 63.0485, 50.8845

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.



62.4503, 65.8991, 52.5688



59.1597, 65.8991, 92.0398



69.1695, 65.8991, 61.2506

Square

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



59.1597, 65.8991, 92.0398



69.3673, 65.8991, 82.3817



66.2440, 65.8991, 54.6902



56.3532, 65.8991, 62.0801

Rectangle

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



59.1597, 65.8991, 92.0398



65.3804, 65.8991, 93.3636



66.2440, 65.8991, 54.6902



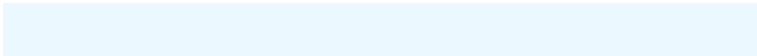
59.9678, 65.8991, 53.7643

Sweetspot

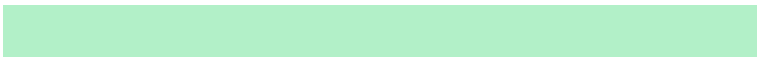
The Sweet Spot groups the original color and five complimentary colors.



59.1617, 65.9018, 92.0413



85.6733, 91.8028, 107.8120



59.9119, 75.9425, 65.9621



17.9809, 19.3333, 23.0340



0.0000, 0.0000, 0.0000



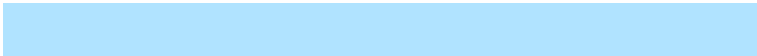
20.3446, 21.4041, 23.3091

Same Dimension

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



59.1617, 65.9018, 92.0413



63.3994, 71.3568, 105.0395



51.9238, 51.4259, 89.6287



15.7481, 16.9303, 20.1595



15.1424, 16.5091, 47.5164



1.3531, 1.5601, 3.9840

Inverse Universe

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



64.5121, 55.4297, 73.6315



70.6142, 57.8345, 80.0805



72.4643, 78.7249, 53.4972



16.2023, 15.9306, 18.6215



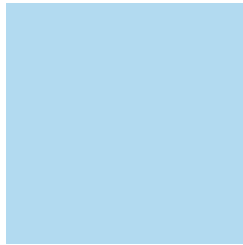
22.9688, 11.4600, 18.2842



1.9579, 0.9722, 1.7692

Previews

White Background



This preview shows how the XYZ color 59.1597, 65.8991, 92.0398 looks on a white background.

Color Contrast Check

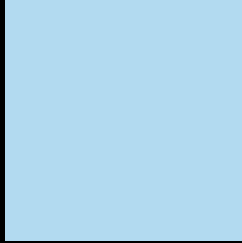
Large Text (above 18pt) WCAG AA × Fail

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 59.1597, 65.8991, 92.0398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

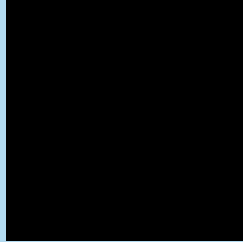
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1597, 65.8991, 92.0398

Background



This preview shows how black text looks on a background with the XYZ color 59.1597, 65.8991, 92.0398.

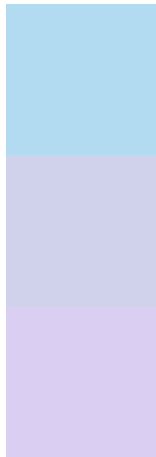


This preview shows how white text looks on a background with the XYZ color 59.1597, 65.8991,

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

59.1597, 65.8991, 92.0398

Protanopia

64.0544, 65.5012, 87.8642

Deuteranopia

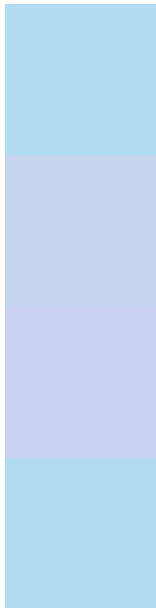
67.0118, 65.4588, 93.1073



Tritanopia

58.6033, 66.0663, 89.0202

Trichromacy



Original Color

59.1597, 65.8991, 92.0398

Protanomaly

62.1063, 65.5732, 89.5043

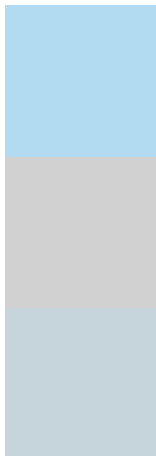
Deuteranomaly

63.5524, 65.1406, 92.4429

Tritanomaly

58.7490, 66.1246, 89.7877

Monochromacy



Original Color

59.1597, 65.8991, 92.0398

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.7505, 64.2600, 76.9644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1597, 65.8991, 92.0398 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(178, 218, 240)` looks like.

```
.text, #text, p{  
    color:rgb(178, 218, 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(178, 218, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 218, 240) }
```

Border

The CSS property to change the border of an element to XYZ 59.1597, 65.8991, 92.0398 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(178, 218, 240) }
```


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

```
.border{ border-color:rgb(178, 218, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 218, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 218, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 218, 240);  
box-shadow:4px 4px 4px 4px rgb(178, 218,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1597, 65.8991, 92.0398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 218, 240) }
```

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

```
.background{ background-color: rgb(178,  
218, 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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