

Converting Colors

XYZ(59.2580, 65.9257, 91.7071)

Have a look what the booklet for
XYZ(59.2580, 65.9257, 91.7071)
contains.

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Color

**XYZ(59.3900, 66.0178,
92.0506)**

Conversions

Conversions Part 1

Format	Color
Hex	B3DAF0
RGB	179, 218, 240
RGB Percent	70%, 85%, 94%
CMY	0.2980, 0.1451, 0.0588
CMYK	0.25, 0.09, 0.00, 0.06
HSL	202°, 67%, 82%
HSV	202°, 25%, 94%
XYZ	59.3900, 66.0178, 92.0506
YIQ	208.8470, -30.3060, -1.4260

Conversions

Conversions Part 2

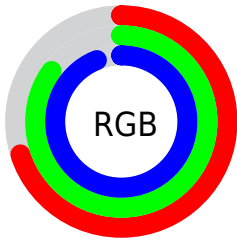
Format	Color
RYB	179, 203, 240
Decimal	11786992
CIELab	85.01, -7.91, -14.96
CIELCh	85, 16.926, 242.143
Yxy	66.0178, 0.2731, 0.3036
Android (android.graphics.Color)	4289977072 (0xFFB3DAF0)
YUV	208.8470, 15.3584, -26.1758
Hunter-Lab	81.2513, -11.7167, -10.2944

Details

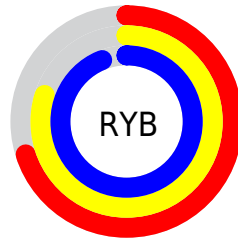
The XYZ color **59.3900, 66.0178, 92.0506** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64.9593, 63.5536, 51.4928**, and the grayscale version is **60.4235, 63.5702, 69.2279**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **30.2064, 34.0151, 50.3209** is the 20% darker color. If you saturate the color by 10%, you get **52.1328, 59.0328, 91.0860**, and if you desaturate by 10%, it is **67.7338, 73.7402, 93.1025**.

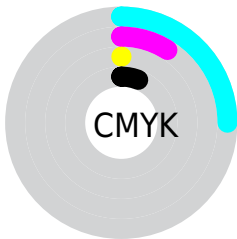
Distribution



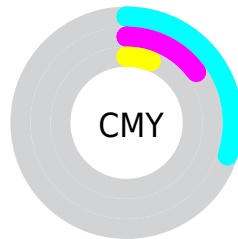
- Red (70%)
- Green (85%)
- Blue (94%)



- Red (70%)
- Yellow (80%)
- Blue (94%)



- Cyan (25%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3900, 66.0178, 92.0506 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 59.3900, 66.0178, 92.0506 by changing the saturation by 10% instead.

■ 59.3900, 66.0178,
92.0506

■ 59.3900, 66.0178,
92.0506

412.2165,
446.4405, 555.4203

■ 43.1747, 48.2869,
69.0994

■ 103.0557,
113.5119, 152.1438

■ 30.2173, 34.0541,
50.3204

131.2368,
144.0438, 190.1229

■ 20.1525, 22.9352,
35.2951

164.1372,
179.6115, 233.9484

■ 12.6149, 14.5456,
23.6049

202.1223,
220.5994, 284.0388

■ 7.2390, 8.5011,
14.8313

245.5574,
267.3918, 340.8126

■ 3.6597, 4.4173,
8.5558

294.8079,

■ 1.5115, 1.9096,

320.3732, 404.6885

4.3598

350.2392,
379.9280, 476.0849

■ 0.3336, 0.5541,
1.8247

■ 0.0000, 0.0000,
0.4442

■ 59.3900, 66.0178,
92.0506

■ 59.3900, 66.0178,
92.0506

■ 52.1328, 59.0328,
91.0860

■ 67.7338, 73.7402,
93.1025

■ 45.9044, 52.7479,
90.2011

■ 77.2063, 82.2194,
94.2399

■ 40.6505, 47.1340,
89.3944

■ 87.8546, 91.4839,
95.4669

■ 36.3089, 42.1564,
88.6625

■ 91.9750, 97.5646,
96.4234

■ 32.8096, 37.7762,
88.0015

■ 92.7284, 99.0714,
96.6746

■ 30.0715, 33.9485,
87.4070

■ 27.9946, 30.6189,
86.8737

■ 27.1939, 29.2223,
86.6464

Harmonies

Analogous

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



56.7530, 66.0178, 83.6197



59.3900, 66.0178, 92.0506



63.0220, 66.0178, 94.9270

Triad

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



59.3900, 66.0178, 92.0506



70.3490, 66.0178, 71.1014



58.9343, 66.0178, 55.5557

Complementary

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



59.3900, 66.0178, 92.0506



64.9593, 63.5536, 51.4928

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.



62.4747, 66.0178, 52.9058



59.3900, 66.0178, 92.0506



69.1509, 66.0178, 61.2978

Square

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



59.3900, 66.0178, 92.0506



69.4432, 66.0178, 82.1274



66.2301, 66.0178, 54.8984



56.4975, 66.0178, 62.5265

Rectangle

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



59.3900, 66.0178, 92.0506



65.5470, 66.0178, 93.0959



66.2301, 66.0178, 54.8984



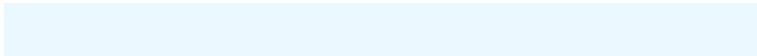
60.0297, 66.0178, 54.1638

Sweetspot

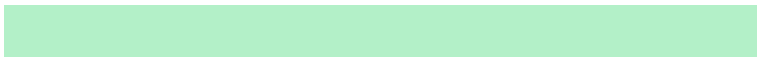
The Sweet Spot groups the original color and five complimentary colors.



59.3920, 66.0205, 92.0521



85.6369, 91.7299, 107.7998



60.2182, 76.0917, 66.3731



17.9717, 19.3149, 23.0309



0.0000, 0.0000, 0.0000



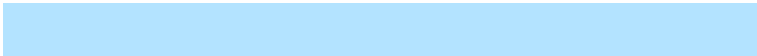
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3920, 66.0205, 92.0521



64.1072, 71.9085, 105.1087



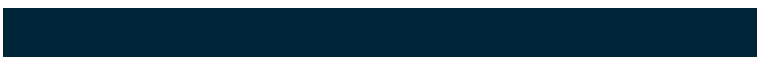
52.3353, 51.9071, 89.6999



15.7401, 16.9143, 20.1568



15.0167, 16.2577, 47.4745



1.3432, 1.5404, 3.9807

Inverse Universe

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



64.7118, 55.8291, 73.6980



71.1822, 58.8690, 80.5832



72.6071, 78.8491, 54.0420



16.1983, 15.9290, 18.6003



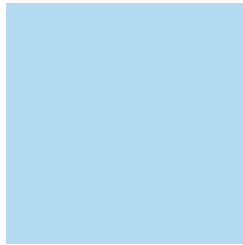
22.9054, 11.4346, 17.9501



1.9529, 0.9702, 1.7430

Previews

White Background



This preview shows how the XYZ color 59.3900, 66.0178, 92.0506 looks on a white background.

Color Contrast Check

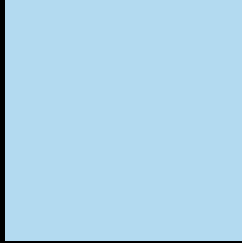
Large Text (above 18pt) WCAG AA × Fail

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 59.3900, 66.0178, 92.0506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

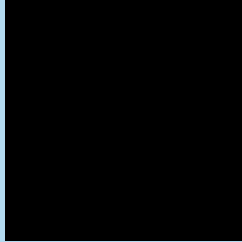
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3900, 66.0178, 92.0506

Background



This preview shows how black text looks on a background with the XYZ color 59.3900, 66.0178, 92.0506.



This preview shows how white text looks on a background with the XYZ color 59.3900, 66.0178,

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

59.3900, 66.0178, 92.0506

Protanopia

64.3365, 65.6467, 87.8774

Deuteranopia

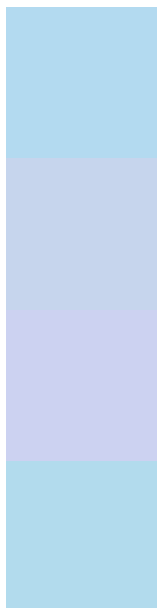
67.0118, 65.4588, 93.1073



Tritanopia

58.8319, 66.1841, 89.0309

Trichromacy



Original Color

59.3900, 66.0178, 92.0506

Protanomaly

62.3690, 65.7087, 89.5166

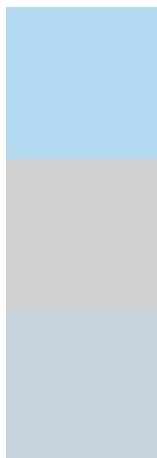
Deuteranomaly

63.8256, 65.2814, 92.4557

Tritanomaly

58.9777, 66.2424, 89.7984

Monochromacy



Original Color

59.3900, 66.0178, 92.0506

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 59.3900, 66.0178, 92.0506 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, 218, 240)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 218, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 218, 240) }
```

Border

The CSS property to change the border of an element to XYZ 59.3900, 66.0178, 92.0506 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, 218, 240) }
```


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

```
.border{ border-color:rgb(179, 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(179, 218, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 218, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 218, 240); box-shadow:4px 4px 4px 4px rgb(179, 218, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3900, 66.0178, 92.0506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 218, 240) }
```

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

```
.background{ background-color: rgb(179,  
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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