

Converting Colors

XYZ(59.0986, 67.5058, 95.4278)

Have a look what the booklet for
XYZ(59.0986, 67.5058, 95.4278)
contains.

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Color

**XYZ(59.0280, 67.3203,
95.4710)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AADEF4 |
| RGB | 170, 222, 244 |
| RGB Percent | 67%, 87%, 96% |
| CMY | 0.3333, 0.1294, 0.0431 |
| CMYK | 0.30, 0.09, 0.00, 0.04 |
| HSL | 198°, 77%, 81% |
| HSV | 198°, 30%, 96% |
| XYZ | 59.0280, 67.3203, 95.4710 |
| YIQ | 208.9600, -38.0540, -4.1820 |

Conversions

Conversions Part 2

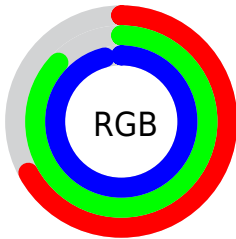
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 170, 201, 244 |
| Decimal | 11198196 |
| CIELab | 85.67, -11.62, -16.14 |
| CIELCh | 86, 19.890, 234.240 |
| Yxy | 67.3203, 0.2661, 0.3035 |
| Android (android.graphics.Color) | 4289388276 (0xFFAADEF4) |
| YUV | 208.9600, 17.2747, -34.1679 |
| Hunter-Lab | 82.0489, -15.1684, -11.5547 |

Details

The XYZ color **59.0280, 67.3203, 95.4710** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.4145, 59.8353, 46.2389**, and the grayscale version is **60.4887, 63.6388, 69.3026**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **30.0983, 34.9813, 52.7427** is the 20% darker color. If you saturate the color by 10%, you get **52.3500, 61.0805, 94.6197**, and if you desaturate by 10%, it is **66.7719, 74.2358, 96.3988**.

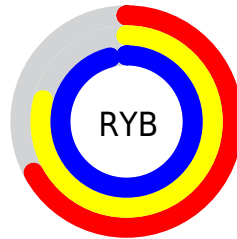
Distribution



Red (67%)

Green (87%)

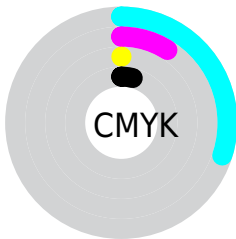
Blue (96%)



Red (67%)

Yellow (79%)

Blue (96%)

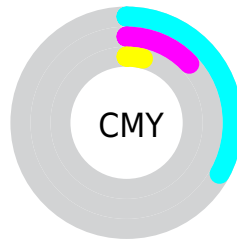


Cyan (30%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0280, 67.3203, 95.4710 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 59.0280, 67.3203, 95.4710 by changing the saturation by 10% instead.

■ 59.0280, 67.3203,
95.4710

■ 59.0280, 67.3203,
95.4710

410.8981,
451.0840, 566.6945

■ 42.8821, 49.3450,
71.9280

■ 102.5328,
115.3792, 156.9163

■ 29.9868, 34.8932,
52.6134

130.6223,
146.2317, 195.6557

■ 19.9766, 23.5806,
37.1086

163.4239,
182.1452, 240.2977

■ 12.4862, 15.0228,
24.9952

201.3027,
223.5043, 291.2607

■ 7.1502, 8.8354,
15.8545

244.6242,
270.6933, 348.9634

■ 3.6034, 4.6340,
9.2680

293.7536,

■ 1.4803, 2.0341,

324.0967, 413.8242

4.8172

349.0565,
384.0988, 486.2618

■ 0.3124, 0.6272,
2.0835

■ 0.0000, 0.0000,
0.6060

■ 59.0280, 67.3203,
95.4710

■ 59.0280, 67.3203,
95.4710

■ 52.3500, 61.0805,
94.6197

■ 66.7719, 74.2358,
96.3988

■ 46.6766, 55.4785,
93.8374

■ 75.6265, 81.8470,
97.4012

■ 41.9490, 50.4841,
93.1226

■ 85.6417, 90.1824,
98.4823

■ 38.0999, 46.0609,
92.4717

■ 92.0721, 96.7972,
99.4201

■ 35.0520, 42.1675,
91.8808

■ 93.3294, 99.3117,
99.8392

■ 32.7135, 38.7549,
91.3454

■ 30.9808, 35.8346,
90.8730

Harmonies

Analogous

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



56.3654, 67.3203, 84.0298



59.0280, 67.3203, 95.4710



63.1154, 67.3203, 101.0362

Triad

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



59.0280, 67.3203, 95.4710



73.0523, 67.3203, 75.8334



60.4750, 67.3203, 52.8202

Complementary

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



59.0280, 67.3203, 95.4710



63.4145, 59.8353, 46.2389

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.



64.8644, 67.3203, 51.1706



59.0280, 67.3203, 95.4710



72.2641, 67.3203, 63.5255

Square

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



59.0280, 67.3203, 95.4710



71.3199, 67.3203, 88.8713



69.2140, 67.3203, 54.8588



57.1728, 67.3203, 59.6635

Rectangle

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



59.0280, 67.3203, 95.4710



66.1532, 67.3203, 100.2447



69.2140, 67.3203, 54.8588



61.8665, 67.3203, 51.6765

Sweetspot

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



59.0301, 67.3230, 95.4726



84.9670, 91.6283, 107.8155



58.3300, 77.0089, 61.0625



17.8588, 19.3358, 23.0409



0.0000, 0.0000, 0.0000



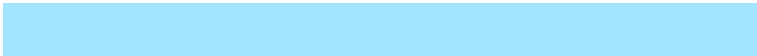
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0301, 67.3230, 95.4726



60.8592, 70.3555, 104.9801



50.4742, 50.2113, 92.6206



16.5565, 17.8773, 21.1206



16.9702, 19.7342, 49.4527



1.5808, 1.9130, 4.3762

Inverse Universe

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



64.8695, 53.2582, 75.9711



68.3362, 53.1109, 79.8382



72.2995, 77.6053, 49.2006



16.9915, 16.6794, 19.7016



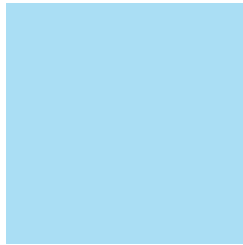
24.3703, 12.0915, 22.4560



2.1870, 1.0807, 2.2109

Previews

White Background



This preview shows how the XYZ color 59.0280, 67.3203, 95.4710 looks on a white background.

Color Contrast Check

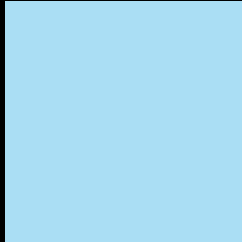
Large Text (above 18pt) WCAG AA × Fail

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 59.0280, 67.3203, 95.4710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

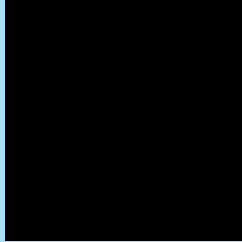
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0280, 67.3203, 95.4710

Background



This preview shows how black text looks on a background with the XYZ color 59.0280, 67.3203, 95.4710.



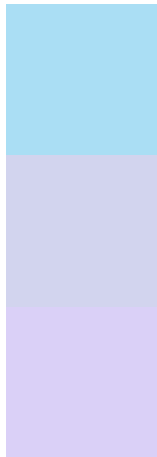
This preview shows how white text looks on a background with the XYZ color 59.0280, 67.3203,

95.4710.

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

59.0280, 67.3203, 95.4710

Protanopia

65.5544, 66.9617, 90.3587

Deuteranopia

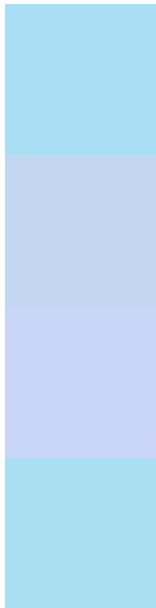
68.2578, 66.7326, 97.2788



Tritanopia

58.4780, 67.5016, 92.3851

Trichromacy



Original Color

59.0280, 67.3203, 95.4710

Protanomaly

62.7897, 67.0051, 92.0620

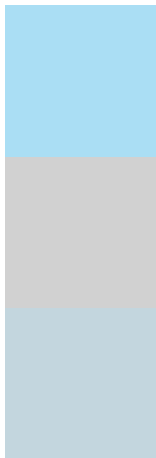
Deuteranomaly

64.5162, 66.6598, 96.6550

Tritanomaly

58.6270, 67.5612, 93.1697

Monochromacy



Original Color

59.0280, 67.3203, 95.4710

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.7371, 64.9692, 78.4991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0280, 67.3203, 95.4710 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(170, 222, 244)` looks like.

```
.text, #text, p{  
    color:rgb(170, 222, 244)  
}
```

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(170, 222, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 222, 244) }
```

Border

The CSS property to change the border of an element to XYZ 59.0280, 67.3203, 95.4710 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(170, 222, 244) }
```


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

```
.border{ border-color:rgb(170, 222, 244) }
```

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

Here you see how a box with a 4 pixel rgb(170, 222, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 222, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 222, 244);  
box-shadow:4px 4px 4px 4px rgb(170, 222,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0280, 67.3203, 95.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 222, 244) }
```

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

```
.background{ background-color: rgb(170,  
222, 244) }
```

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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