

Converting Colors

XYZ(59.5772, 69.1240, 89.1983)

Have a look what the booklet for
XYZ(59.5772, 69.1240, 89.1983)
contains.

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Color

**XYZ(59.5211, 68.9052,
89.5198)**

Conversions

Conversions Part 1

Format	Color
Hex	AEE1EC
RGB	174, 225, 236
RGB Percent	68%, 88%, 93%
CMY	0.3176, 0.1176, 0.0745
CMYK	0.26, 0.05, 0.00, 0.07
HSL	191°, 62%, 80%
HSV	191°, 26%, 93%
XYZ	59.5211, 68.9052, 89.5198
YIQ	211.0050, -33.9270, -7.3910

Conversions

Conversions Part 2

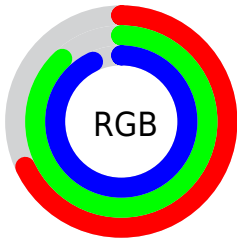
Format	Color
RYB	174, 202, 236
Decimal	11461100
CIELab	86.46, -13.85, -10.71
CIELCh	86, 17.511, 217.718
Yxy	68.9052, 0.2731, 0.3162
Android (android.graphics.Color)	4289651180 (0xFFAEE1EC)
YUV	211.0050, 12.3225, -32.4534
Hunter-Lab	83.0092, -17.2739, -5.8339

Details

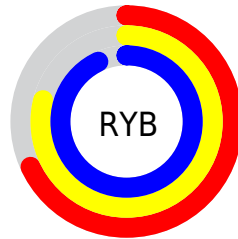
The XYZ color **59.5211, 68.9052, 89.5198** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.5819, 55.5873, 47.6351**, and the grayscale version is **61.8591, 65.0806, 70.8727**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **30.3587, 36.0378, 48.5359** is the 20% darker color. If you saturate the color by 10%, you get **53.6009, 64.1954, 88.9239**, and if you desaturate by 10%, it is **66.3968, 74.1522, 90.1713**.

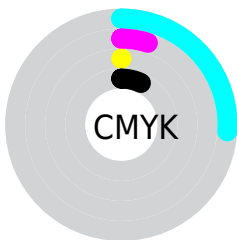
Distribution



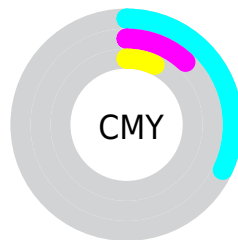
- Red (68%)
- Green (88%)
- Blue (93%)



- Red (68%)
- Yellow (79%)
- Blue (93%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (32%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5211, 68.9052, 89.5198 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 59.5211, 68.9052, 89.5198 by changing the saturation by 10% instead.

■ 59.5211, 68.9052,
89.5198

■ 59.5211, 68.9052,
89.5198

412.6934,
456.6966, 546.9973

■ 43.2807, 50.6345,
67.0110

■ 103.2450,
117.6462, 148.6009

■ 30.3009, 35.9178,
48.6319

131.4591,
148.8852, 186.0102

■ 20.2163, 24.3707,
33.9640

164.3953,
185.2159, 229.2235

■ 12.6616, 15.6089,
22.5888

202.4188,
227.0225, 278.6592

■ 7.2713, 9.2478,
14.0878

245.8950,
274.6895, 334.7358

■ 3.6802, 4.9032,
8.0423

295.1893,

■ 1.5228, 2.1906,

328.6012, 397.8721

4.0339

350.6670,
389.1421, 468.4864

■ 0.3413, 0.7148,
1.6439

■ 0.0000, 0.0000,
0.3219

■ 59.5211, 68.9052,
89.5198

■ 59.5211, 68.9052,
89.5198

■ 53.6009, 64.1954,
88.9239

■ 66.3968, 74.1522,
90.1713

■ 48.5817, 59.9893,
88.3766

■ 74.2669, 79.9516,
90.8759

■ 44.4124, 56.2619,
87.8769

■ 83.1756, 86.3282,
91.6372

■ 41.0346, 52.9829,
87.4220

■ 88.0580, 90.6711,
92.2181

■ 38.3819, 50.1177,
87.0088

■ 89.3166, 93.1883,
92.6377

■ 36.3769, 47.6261,
86.6335

■ 90.6038, 95.7628,
93.0667

■ 34.9233, 45.4582,
86.2917

■ 91.9200, 98.3951,
93.5055

■ 34.4635, 44.7020,
86.1700

■ 92.1405, 98.8362,
93.5790

Harmonies

Analogous

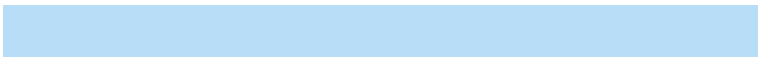
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.0718, 68.9052, 78.0623



59.5211, 68.9052, 89.5198



62.5826, 68.9052, 97.6227

Triad

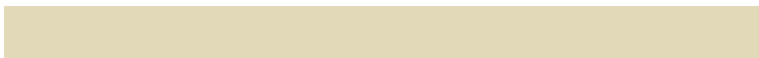
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.5211, 68.9052, 89.5198



72.9687, 68.9052, 83.8078



64.4517, 68.9052, 55.0176

Complementary

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



59.5211, 68.9052, 89.5198



59.5819, 55.5873, 47.6351

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.



68.4909, 68.9052, 56.2167



59.5211, 68.9052, 89.5198



73.5195, 68.9052, 72.0696

Square

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



59.5211, 68.9052, 89.5198



70.3748, 68.9052, 94.0950



71.8501, 68.9052, 62.1878



60.8411, 68.9052, 58.7249

Rectangle

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



59.5211, 68.9052, 89.5198



65.1826, 68.9052, 99.6005



71.8501, 68.9052, 62.1878



65.8031, 68.9052, 54.8678

Sweetspot

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



59.5232, 68.9080, 89.5214



86.7955, 94.0471, 108.1860



56.1391, 72.4656, 56.5608



18.2647, 19.9010, 23.1286



0.0000, 0.0000, 0.0000



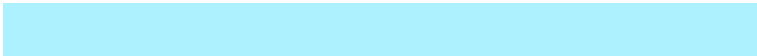
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5232, 68.9080, 89.5214



66.6873, 78.7802, 106.2990



52.0379, 53.9374, 87.0263



15.2772, 16.6409, 19.3291



19.0829, 24.8128, 47.5265



1.5579, 2.0673, 3.7518

Inverse Universe

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



63.3204, 53.5429, 78.2347



72.0668, 57.6234, 90.1723



66.6188, 69.6611, 49.9807



15.5935, 15.2652, 18.4105



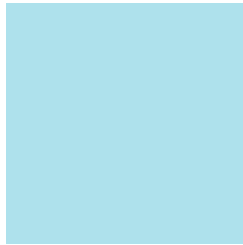
24.4875, 11.9977, 29.4319



1.9529, 0.9541, 2.4692

Previews

White Background



This preview shows how the XYZ color 59.5211, 68.9052, 89.5198 looks on a white background.

Color Contrast Check

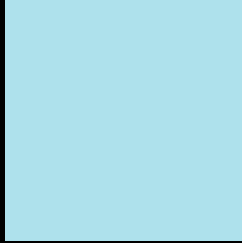
Large Text (above 18pt) WCAG AA × Fail

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 59.5211, 68.9052, 89.5198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

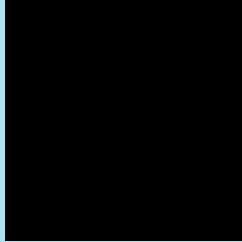
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5211, 68.9052, 89.5198

Background



This preview shows how black text looks on a background with the XYZ color 59.5211, 68.9052, 89.5198.



This preview shows how white text looks on a background with the XYZ color 59.5211, 68.9052,

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

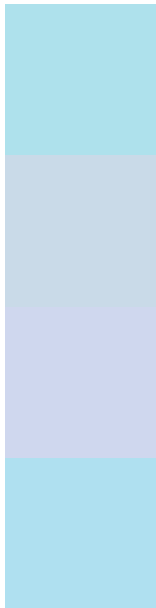




Tritanopia

60.3619, 68.8361, 94.1097

Trichromacy



Original Color

59.5211, 68.9052, 89.5198

Protanomaly

63.7243, 68.3865, 86.1852

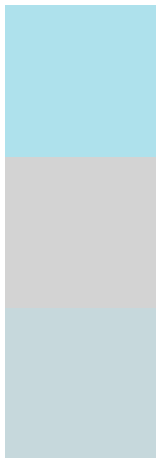
Deuteranomaly

65.4652, 68.0393, 90.5714

Tritanomaly

60.0630, 68.7165, 92.5360

Monochromacy



Original Color

59.5211, 68.9052, 89.5198

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.7628, 66.2848, 77.3018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5211, 68.9052, 89.5198 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(174, 225, 236)` looks like.

```
.text, #text, p{  
    color:rgb(174, 225, 236)  
}
```

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(174, 225, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 225, 236) }
```

Border

The CSS property to change the border of an element to XYZ 59.5211, 68.9052, 89.5198 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(174, 225, 236) }
```


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

```
.border{ border-color:rgb(174, 225, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 225, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 225, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 225, 236);  
box-shadow:4px 4px 4px 4px rgb(174, 225,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5211, 68.9052, 89.5198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 225, 236) }
```

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

```
.background{ background-color: rgb(174,  
225, 236) }
```

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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