

Converting Colors

XYZ(59.6476, 67.9259, 96.1935)

Have a look what the booklet for
XYZ(59.6476, 67.9259, 96.1935)
contains.

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Color

**XYZ(59.6637, 68.0259,
96.3719)**

Conversions

Conversions Part 1

Format	Color
Hex	ABDFF5
RGB	171, 223, 245
RGB Percent	67%, 87%, 96%
CMY	0.3294, 0.1255, 0.0392
CMYK	0.30, 0.09, 0.00, 0.04
HSL	198°, 79%, 82%
HSV	198°, 30%, 96%
XYZ	59.6637, 68.0259, 96.3719
YIQ	209.9600, -38.0540, -4.1820

Conversions

Conversions Part 2

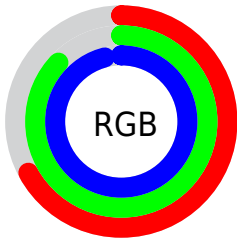
Format	Color
RYB	171, 202, 245
Decimal	11263989
CIELab	86.02, -11.62, -16.13
CIELCh	86, 19.882, 234.224
Yxy	68.0259, 0.2663, 0.3036
Android (android.graphics.Color)	4289454069 (0xFFABDFF5)
YUV	209.9600, 17.2747, -34.1679
Hunter-Lab	82.4778, -15.2109, -11.5434

Details

The XYZ color **59.6637, 68.0259, 96.3719** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64.0777, 60.4932, 46.8288**, and the grayscale version is **61.1421, 64.3263, 70.0513**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **30.3904, 35.3924, 53.3738** is the 20% darker color. If you saturate the color by 10%, you get **52.9099, 61.7189, 95.5116**, and if you desaturate by 10%, it is **67.4945, 75.0156, 97.3095**.

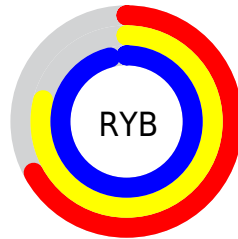
Distribution



Red (67%)

Green (87%)

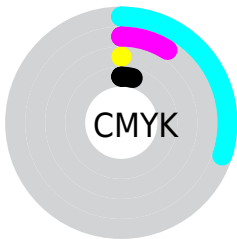
Blue (96%)



Red (67%)

Yellow (79%)

Blue (96%)

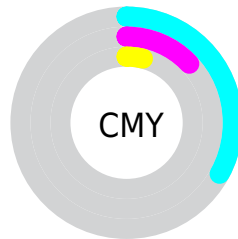


Cyan (30%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6637, 68.0259, 96.3719 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 59.6637, 68.0259, 96.3719 by changing the saturation by 10% instead.

■ 59.6637, 68.0259,
96.3719

■ 59.6637, 68.0259,
96.3719

413.2117,
453.5878, 569.6438

■ 43.3960, 49.9188,
72.6742

■ 103.4508,
116.3892, 158.1704

■ 30.3919, 35.3489,
53.2194

131.7009,
147.4142, 197.1083

■ 20.2858, 23.9318,
37.5890

164.6760,
183.5139, 241.9633

■ 12.7124, 15.2830,
25.3645

202.7412,
225.0728, 293.1539

■ 7.3064, 9.0182,
16.1273

246.2621,
272.4753, 351.0987

■ 3.7025, 4.7531,
9.4590

295.6039,

■ 1.5352, 2.1031,

326.1056, 416.2163

4.9409

351.1320,
386.3483, 488.9252

■ 0.3496, 0.6664,
2.1545

■ 0.0000, 0.0000,
0.6479

■ 59.6637, 68.0259,
96.3719

■ 59.6637, 68.0259,
96.3719

■ 52.9099, 61.7189,
95.5116

■ 67.4945, 75.0156,
97.3095

■ 47.1710, 56.0562,
94.7211

■ 76.4475, 82.7081,
98.3224

■ 42.3880, 51.0074,
93.9987

■ 86.5730, 91.1322,
99.4147

■ 38.4928, 46.5359,
93.3409

■ 92.5749, 97.5593,
100.3389

■ 35.4077, 42.5998,
92.7438

■ 93.4817, 99.3727,
100.6412

■ 33.0399, 39.1499,
92.2026

■ 31.2667, 36.1628,
91.7195

Harmonies

Analogous

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



56.9839, 68.0259, 84.8594



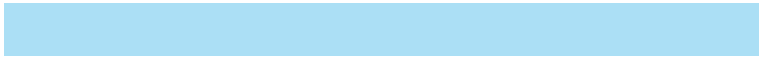
59.6637, 68.0259, 96.3719



63.7779, 68.0259, 101.9736

Triad

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



59.6637, 68.0259, 96.3719



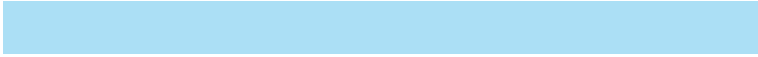
73.7805, 68.0259, 76.6255



61.1246, 68.0259, 53.4433

Complementary

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



59.6637, 68.0259, 96.3719



64.0777, 60.4932, 46.8288

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.



65.5433, 68.0259, 51.7843



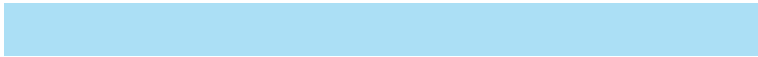
59.6637, 68.0259, 96.3719



72.9888, 68.0259, 64.2338

Square

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



59.6637, 68.0259, 96.3719



72.0360, 68.0259, 89.7443



69.9205, 68.0259, 55.5028



57.7992, 68.0259, 60.3337

Rectangle

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



59.6637, 68.0259, 96.3719



66.8355, 68.0259, 101.1807



69.9205, 68.0259, 55.5028



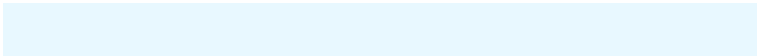
62.5256, 68.0259, 52.2920

Sweetspot

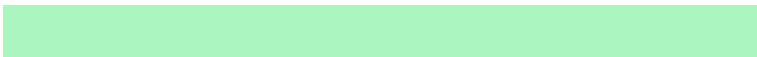
The Sweet Spot groups the original color and five complimentary colors.



59.6658, 68.0286, 96.3735



84.9670, 91.6283, 107.8155



58.9592, 77.7684, 61.7547



17.8588, 19.3358, 23.0409



0.0000, 0.0000, 0.0000



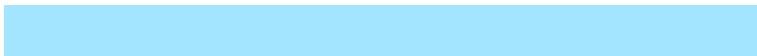
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6658, 68.0286, 96.3735



60.8592, 70.3556, 104.9801



51.0550, 50.8070, 93.5032



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.



65.5401, 53.8677, 76.7583



68.3362, 53.1109, 79.8383



73.0183, 78.3743, 49.8090



16.9915, 16.6794, 19.7017



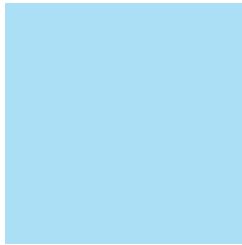
24.3703, 12.0916, 22.4561



2.1870, 1.0808, 2.2109

Previews

White Background



This preview shows how the XYZ color 59.6637, 68.0259, 96.3719 looks on a white background.

Color Contrast Check

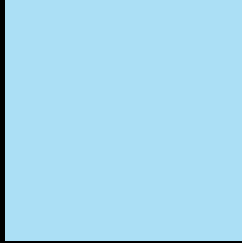
Large Text (above 18pt) WCAG AA × Fail

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 59.6637, 68.0259, 96.3719 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 59.6637, 68.0259, 96.3719

Background



This preview shows how black text looks on a background with the XYZ color 59.6637, 68.0259, 96.3719.

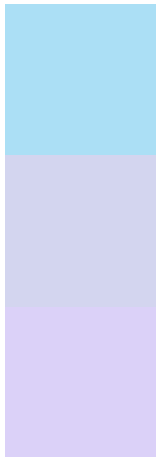


This preview shows how white text looks on a background with the XYZ color 59.6637, 68.0259,

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

59.6637, 68.0259, 96.3719

Protanopia

66.2382, 67.6694, 91.2317

Deuteranopia

68.9572, 67.4383, 98.1894



Tritanopia

59.1104, 68.2082, 93.2691

Trichromacy



Original Color

59.6637, 68.0259, 96.3719

Protanomaly

63.4550, 67.7123, 92.9444

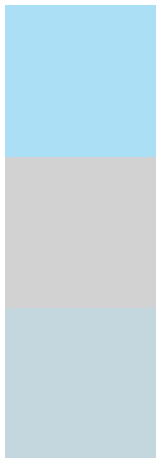
Deuteranomaly

65.1922, 67.3651, 97.5625

Tritanomaly

59.2602, 68.2682, 94.0581

Monochromacy



Original Color

59.6637, 68.0259, 96.3719

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.3847, 65.6644, 79.3039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6637, 68.0259, 96.3719 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(171, 223, 245)` looks like.

```
.text, #text, p{  
    color:rgb(171, 223, 245)  
}
```

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(171, 223, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 223, 245) }
```

Border

The CSS property to change the border of an element to XYZ 59.6637, 68.0259, 96.3719 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(171, 223, 245) }
```


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

```
.border{ border-color:rgb(171, 223, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 223, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 223, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 223, 245);  
box-shadow:4px 4px 4px 4px rgb(171, 223,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6637, 68.0259, 96.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 223, 245) }
```

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

```
.background{ background-color: rgb(171,  
223, 245) }
```

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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