

Converting Colors

XYZ(57.4291, 59.5771,
111.5207)

Have a look what the booklet for
XYZ(57.4291, 59.5771, 111.5207)
contains.

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Color

**XYZ(56.0298, 59.2075,
103.0828)**

Conversions

Conversions Part 1

Format	Color
Hex	A8CDFF
RGB	168, 205, 255
RGB Percent	66%, 80%, 100%
CMY	0.3412, 0.1961, 0.0000
CMYK	0.34, 0.20, 0.00, 0.00
HSL	214°, 100%, 83%
HSV	214°, 34%, 100%
XYZ	56.0298, 59.2075, 103.0828
YIQ	199.6370, -38.1020, 7.7060

Conversions

Conversions Part 2

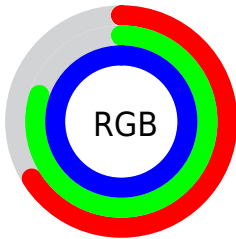
Format	Color
R_{YB}	168, 194, 255
Decimal	11062783
CIE _{Lab}	81.41, -0.61, -28.44
CIE _{LCh}	81, 28.450, 268.770
Yxy	59.2075, 0.2566, 0.2712
Android (android.graphics.Color)	4289252863 (0xFFA8CDFF)
YUV	199.6370, 27.2940, -27.7456
Hunter-Lab	76.9464, -4.6785, -25.5665

Details

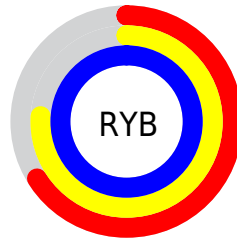
The XYZ color **56.0298, 59.2075, 103.0828** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.3797, 74.2302, 47.5081**, and the grayscale version is **54.5325, 57.3724, 62.4786**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **28.0697, 29.7211, 57.6834** is the 20% darker color. If you saturate the color by 10%, you get **47.7812, 49.9938, 101.7392**, and if you desaturate by 10%, it is **65.6747, 69.6311, 104.5865**.

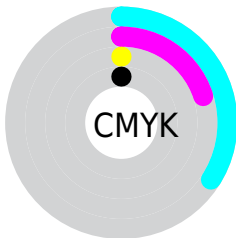
Distribution



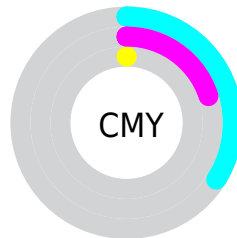
- Red (66%)
- Green (80%)
- Blue (100%)



- Red (66%)
- Yellow (76%)
- Blue (100%)



- Cyan (34%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0298, 59.2075, 103.0828 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 56.0298, 59.2075, 103.0828 by changing the saturation by 10% instead.

■ 56.0298, 59.2075,
103.0828

■ 56.0298, 59.2075,
103.0828

399.8770,
421.6704, 591.3627

■ 40.4639, 42.7802,
78.2464

■ 98.1877, 103.6792,
167.4759

■ 28.0863, 29.7127,
57.7588

125.5104,
132.4923, 207.8698

■ 18.5315, 19.6206,
41.2013

157.4828,
166.2029, 254.2865

■ 11.4342, 12.1196,
28.1555

194.4702,
205.1952, 307.1447

■ 6.4291, 6.8252,
18.2029

236.8380,
249.8538, 366.8629

■ 3.1509, 3.3530,
10.9248

284.9514,

■ 1.2340, 1.3187,

300.5629, 433.8596

5.9028

339.1760,
357.7070, 508.5534

■ 0.1330, 0.1556,
2.7182

■ 0.0000, 0.0000,
0.9526

■ 56.0298, 59.2075,
103.0828

■ 56.0298, 59.2075,
103.0828

■ 47.7812, 49.9938,
101.7392

■ 65.6747, 69.6311,
104.5865

■ 40.8521, 41.9331,
100.5485

■ 76.7767, 81.3049,
106.2546

■ 35.1660, 34.9734,
99.5048

■ 89.3992, 94.2750,
108.0928

■ 30.6353, 29.0550,
98.6013

95.0500, 100.0000,
108.9000

■ 27.1595, 24.1107,
97.8301

■ 24.6171, 20.0617,
97.1826

■ 23.4604, 18.0409,
96.8535

Harmonies

Analogous

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



50.5497, 59.2075, 96.7363



56.0298, 59.2075, 103.0828



61.9624, 59.2075, 97.6608

Triad

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



56.0298, 59.2075, 103.0828



66.9100, 59.2075, 49.9490



47.0487, 59.2075, 48.9287

Complementary

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



56.0298, 59.2075, 103.0828



73.3797, 74.2302, 47.5081

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.



50.9466, 59.2075, 39.8019



56.0298, 59.2075, 103.0828



62.4170, 59.2075, 40.3139

Square

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



56.0298, 59.2075, 103.0828



68.5044, 59.2075, 65.1726



56.5208, 59.2075, 36.9461



45.5951, 59.2075, 63.7663

Rectangle

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



56.0298, 59.2075, 103.0828



65.3244, 59.2075, 88.5607



56.5208, 59.2075, 36.9461



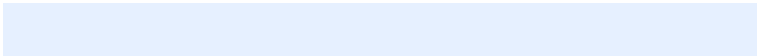
48.1024, 59.2075, 45.1948

Sweetspot

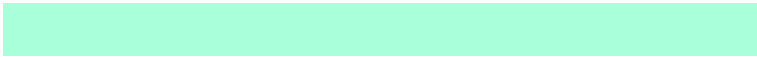
The Sweet Spot groups the original color and five complimentary colors.



56.0315, 59.2097, 103.0832



81.7847, 86.4840, 106.9903



64.4730, 84.8707, 78.8352



17.1330, 18.1273, 22.8459



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.



56.0315, 59.2097, 103.0832



50.2068, 52.7392, 102.1412



49.4652, 44.2029, 100.5327



17.6381, 18.6478, 22.9197



12.3992, 9.7080, 50.6549



1.3128, 1.1564, 4.9673

Inverse Universe

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



66.2633, 53.6747, 64.6278



62.0591, 47.1529, 57.4103



81.9666, 94.5239, 50.9726



18.3300, 18.1153, 20.3548



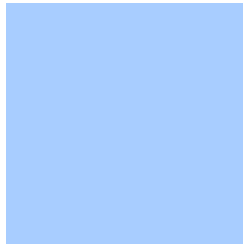
23.0468, 11.7080, 8.8967



2.2973, 1.1613, 1.1469

Previews

White Background



This preview shows how the XYZ color 56.0298, 59.2075, 103.0828 looks on a white background.

Color Contrast Check

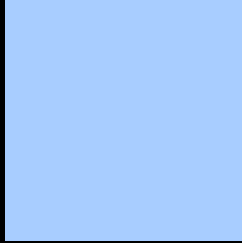
Large Text (above 18pt) WCAG AA × Fail

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 56.0298, 59.2075, 103.0828 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

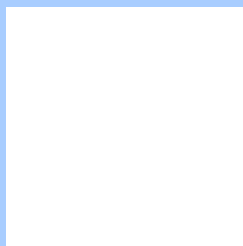
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0298, 59.2075, 103.0828

Background



This preview shows how black text looks on a background with the XYZ color 56.0298, 59.2075, 103.0828.



This preview shows how white text looks on a background with the XYZ color 56.0298, 59.2075,

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

56.0298, 59.2075, 103.0828

Protanopia

59.0531, 59.0924, 99.5603

Deuteranopia

60.2364, 58.9456, 102.8106



Tritanopia

51.6097, 59.2163, 81.3828

Trichromacy



Original Color

56.0298, 59.2075, 103.0828

Protanomaly

57.7473, 59.0931, 100.4580

Deuteranomaly

58.7038, 59.1836, 102.9373

Tritanomaly

53.1518, 59.1187, 88.7304

Monochromacy



Original Color

56.0298, 59.2075, 103.0828

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.7778, 58.0997, 76.0374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0298, 59.2075, 103.0828 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(168, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 205, 255)  
}
```

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(168, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.0298, 59.2075, 103.0828 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(168, 205, 255) }
```


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

```
.border{ border-color:rgb(168, 205, 255) }
```

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

Here you see how a box with a 4 pixel rgb(168, 205, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0298, 59.2075, 103.0828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 205, 255) }
```

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

```
.background{ background-color: rgb(168,  
205, 255) }
```

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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