

Converting Colors

XYZ(58.5707, 60.4467,
116.9438)

Have a look what the booklet for
XYZ(58.5707, 60.4467, 116.9438)
contains.

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Color

**XYZ(56.0577, 59.5781,
103.1529)**

Conversions

Conversions Part 1

Format	Color
Hex	A7CEFF
RGB	167, 206, 255
RGB Percent	65%, 81%, 100%
CMY	0.3451, 0.1921, 0.0000
CMYK	0.35, 0.19, 0.00, 0.00
HSL	213°, 100%, 83%
HSV	213°, 35%, 100%
XYZ	56.0577, 59.5781, 103.1529
YIQ	199.9250, -38.9730, 6.9710

Conversions

Conversions Part 2

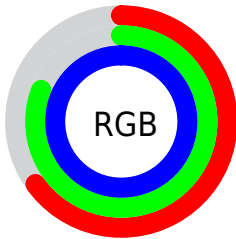
Format	Color
RYB	167, 194, 255
Decimal	10997503
CIELab	81.61, -1.42, -28.14
CIELCh	82, 28.174, 267.121
Yxy	59.5781, 0.2562, 0.2723
Android (android.graphics.Color)	4289187583 (0xFFA7CEFF)
YUV	199.9250, 27.1520, -28.8752
Hunter-Lab	77.1869, -5.4396, -25.2047

Details

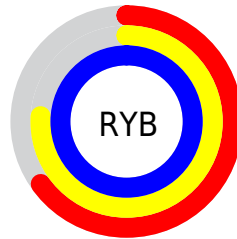
The XYZ color **56.0577, 59.5781, 103.1529** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.7714, 73.1622, 46.8475**, and the grayscale version is **54.7105, 57.5597, 62.6825**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **28.1034, 29.9784, 57.7313** is the 20% darker color. If you saturate the color by 10%, you get **47.9273, 50.5408, 101.8371**, and if you desaturate by 10%, it is **65.5624, 69.7850, 104.6221**.

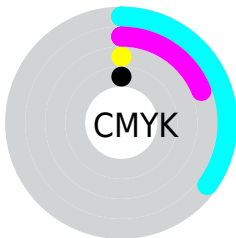
Distribution



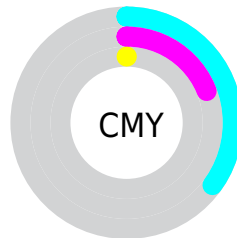
- Red (65%)
- Green (81%)
- Blue (100%)



- Red (65%)
- Yellow (76%)
- Blue (100%)



- Cyan (35%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0577, 59.5781, 103.1529 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 56.0577, 59.5781, 103.1529 by changing the saturation by 10% instead.

■ 56.0577, 59.5781,
103.1529

■ 56.0577, 59.5781,
103.1529

399.9804,
423.0409, 591.5873

■ 40.4864, 43.0787,
78.3048

■ 98.2283, 104.2174,
167.5728

■ 28.1039, 29.9468,
57.8064

■ 125.5582,
133.1261, 207.9817

■ 18.5448, 19.7982,
41.2394

157.5384,
166.9399, 254.4145

■ 11.4439, 12.2485,
28.1851

194.5342,
206.0434, 307.2899

■ 6.4357, 6.9131,
18.2250

236.9109,
250.8208, 367.0263

■ 3.1550, 3.4078,
10.9405

285.0339,

■ 1.2362, 1.3482,

301.6566, 434.0423

5.9132

339.2687,
358.9352, 508.7565

■ 0.1347, 0.1781,
2.7244

■ 0.0000, 0.0000,
0.9557

■ 56.0577, 59.5781,
103.1529

■ 56.0577, 59.5781,
103.1529

■ 47.9273, 50.5408,
101.8371

■ 65.5624, 69.7850,
104.6221

■ 41.0953, 42.6178,
100.6678

■ 76.5017, 81.2001,
106.2489

■ 35.4855, 35.7586,
99.6396

■ 88.9383, 93.8683,
108.0386

■ 31.0109, 29.9053,
98.7456

■ 95.0500, 100.0000,
108.9000

■ 27.5715, 24.9924,
97.9786

■ 25.0458, 20.9427,
97.3300

■ 23.9568, 19.0337,
97.0189

Harmonies

Analogous

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



50.6733, 59.5781, 96.2587



56.0577, 59.5781, 103.1529



61.9731, 59.5781, 98.4035

Triad

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



56.0577, 59.5781, 103.1529



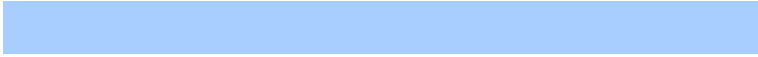
67.3678, 59.5781, 51.1229



47.6007, 59.5781, 48.7425

Complementary

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



56.0577, 59.5781, 103.1529



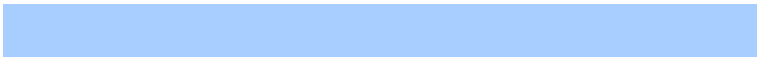
72.7714, 73.1622, 46.8475

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.



51.5980, 59.5781, 39.9789



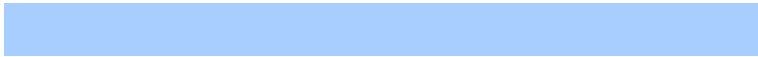
56.0577, 59.5781, 103.1529



63.0301, 59.5781, 41.1758

Square

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



56.0577, 59.5781, 103.1529



68.7656, 59.5781, 66.5207



57.2005, 59.5781, 37.4689



46.0085, 59.5781, 63.2477

Rectangle

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



56.0577, 59.5781, 103.1529



65.3792, 59.5781, 89.6609



57.2005, 59.5781, 37.4689



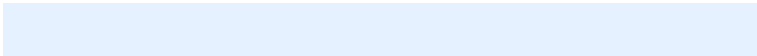
48.6934, 59.5781, 45.1308

Sweetspot

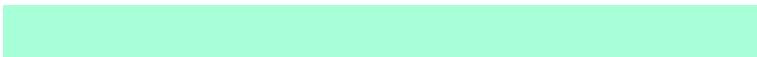
The Sweet Spot groups the original color and five complimentary colors.



56.0594, 59.5803, 103.1532



81.9195, 86.7535, 107.0352



64.0147, 84.6629, 77.5287



17.1656, 18.1924, 22.8567



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.



56.0594, 59.5803, 103.1532



50.6284, 53.5823, 102.2818



48.7522, 43.5623, 100.4466



17.6656, 18.7028, 22.9289



12.6613, 10.2321, 50.7423



1.3396, 1.2099, 4.9762

Inverse Universe

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



66.2005, 53.3554, 65.2043



62.2719, 47.2380, 58.5308



82.3752, 94.7452, 50.5073



18.3439, 18.1209, 20.4279



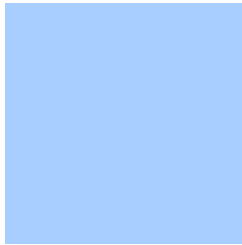
23.1790, 11.7609, 9.5931



2.3108, 1.1667, 1.2180

Previews

White Background



This preview shows how the XYZ color 56.0577, 59.5781, 103.1529 looks on a white background.

Color Contrast Check

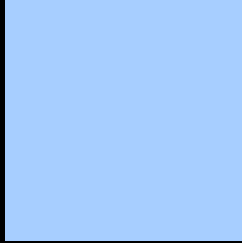
Large Text (above 18pt) WCAG AA × Fail

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 56.0577, 59.5781, 103.1529 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

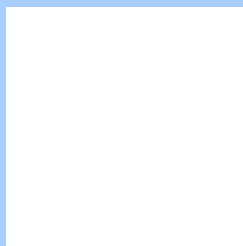
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0577, 59.5781, 103.1529

Background



This preview shows how black text looks on a background with the XYZ color 56.0577, 59.5781, 103.1529.



This preview shows how white text looks on a background with the XYZ color 56.0577, 59.5781,

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

56.0577, 59.5781, 103.1529

Protanopia

59.3021, 59.2207, 99.5720

Deuteranopia

60.7216, 59.5362, 102.8990



Tritanopia

51.9958, 59.7670, 82.1945

Trichromacy



Original Color

56.0577, 59.5781, 103.1529

Protanomaly

57.9826, 59.2144, 100.4690

Deuteranomaly

58.9377, 59.6514, 103.0153

Tritanomaly

53.3373, 59.5605, 89.5741

Monochromacy



Original Color

56.0577, 59.5781, 103.1529

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 56.0577, 59.5781, 103.1529 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(167, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 206, 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(167, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.0577, 59.5781, 103.1529 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(167, 206, 255) }
```


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

```
.border{ border-color:rgb(167, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0577, 59.5781, 103.1529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 206, 255) }
```

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

```
.background{ background-color: rgb(167,  
206, 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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