

Converting Colors

XYZ(58.5063, 61.7578,
115.2821)

Have a look what the booklet for
XYZ(58.5063, 61.7578, 115.2821)
contains.

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Color

**XYZ(56.1603, 60.7134,
103.3666)**

Conversions

Conversions Part 1

Format	Color
Hex	A4D1FF
RGB	164, 209, 255
RGB Percent	64%, 82%, 100%
CMY	0.3568, 0.1804, 0.0000
CMYK	0.36, 0.18, 0.00, 0.00
HSL	210°, 100%, 82%
HSV	210°, 36%, 100%
XYZ	56.1603, 60.7134, 103.3666
YIQ	200.7890, -41.5860, 4.7660

Conversions

Conversions Part 2

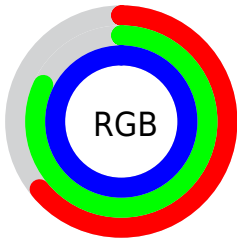
Format	Color
RYB	164, 194, 255
Decimal	10801663
CIELab	82.22, -3.82, -27.21
CIELCh	82, 27.477, 262.019
Yxy	60.7134, 0.2550, 0.2757
Android (android.graphics.Color)	4288991743 (0xFFA4D1FF)
YUV	200.7890, 26.7260, -32.2640
Hunter-Lab	77.9188, -7.7033, -24.1106

Details

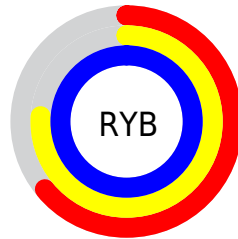
The XYZ color **56.1603, 60.7134, 103.3666** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.9879, 70.0339, 44.9004**, and the grayscale version is **55.2465, 58.1236, 63.2966**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **28.2211, 30.7711, 57.8781** is the 20% darker color. If you saturate the color by 10%, you get **48.3805, 52.1977, 102.1330**, and if you desaturate by 10%, it is **65.2545, 70.2893, 104.7357**.

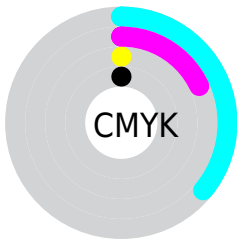
Distribution



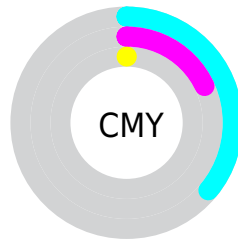
- Red (64%)
- Green (82%)
- Blue (100%)



- Red (64%)
- Yellow (76%)
- Blue (100%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1603, 60.7134, 103.3666 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 56.1603, 60.7134, 103.3666 by changing the saturation by 10% instead.

■ 56.1603, 60.7134,
103.3666

■ 56.1603, 60.7134,
103.3666

400.3606,
427.2224, 592.2718

■ 40.5690, 43.9939,
78.4826

■ 98.3774, 105.8639,
167.8681

■ 28.1686, 30.6657,
57.9517

■ 125.7338,
135.0636, 208.3227

■ 18.5939, 20.3444,
41.3554

157.7427,
169.1922, 254.8045

■ 11.4795, 12.6457,
28.2751

194.7693,
208.6341, 307.7322

■ 6.4600, 7.1850,
18.2923

237.1790,
253.7737, 367.5242

■ 3.1700, 3.5781,
10.9884

285.3373,

■ 1.2443, 1.4405,

304.9953, 434.5992

5.9450

339.6093,
362.6834, 509.3755

■ 0.1409, 0.2463,
2.7434

■ 0.0000, 0.0000,
0.9652

■ 56.1603, 60.7134,
103.3666

■ 56.1603, 60.7134,
103.3666

■ 48.3805, 52.1977,
102.1330

■ 65.2545, 70.2893,
104.7357

■ 41.8404, 44.6906,
101.0287

■ 75.7218, 80.9602,
106.2437

■ 36.4653, 38.1457,
100.0487

■ 87.6234, 92.7673,
107.8954

■ 32.1693, 32.5091,
99.1871

95.0500, 100.0000,
108.9000

■ 28.8529, 27.7194,
98.4374

■ 26.3941, 23.7032,
97.7918

■ 25.5241, 22.1681,
97.5414

Harmonies

Analogous

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



51.0645, 60.7134, 94.8511



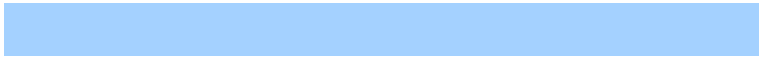
56.1603, 60.7134, 103.3666



62.0219, 60.7134, 100.6488

Triad

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



56.1603, 60.7134, 103.3666



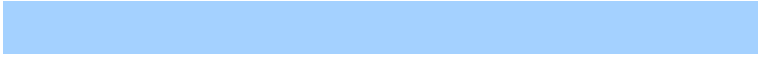
68.7614, 60.7134, 54.7618



49.2957, 60.7134, 48.2160

Complementary

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



56.1603, 60.7134, 103.3666



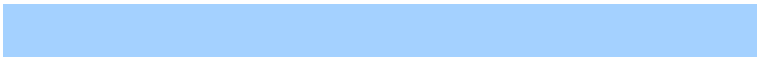
70.9879, 70.0339, 44.9004

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.



53.5956, 60.7134, 40.5382



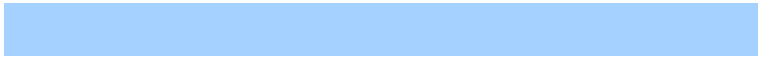
56.1603, 60.7134, 103.3666



64.9004, 60.7134, 43.8492

Square

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



56.1603, 60.7134, 103.3666



69.5633, 60.7134, 70.6756



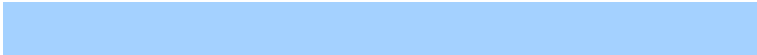
59.2803, 60.7134, 39.0868



47.2795, 60.7134, 61.7388

Rectangle

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



56.1603, 60.7134, 103.3666



65.5584, 60.7134, 93.0092



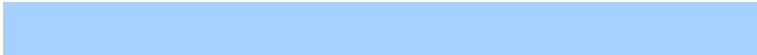
59.2803, 60.7134, 39.0868



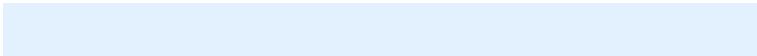
50.5075, 60.7134, 44.9670

Sweetspot

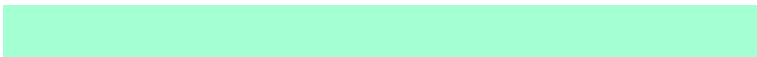
The Sweet Spot groups the original color and five complimentary colors.



56.1621, 60.7157, 103.3670



81.1152, 86.3476, 106.9993



62.6416, 84.0413, 73.5681



17.0209, 18.1427, 22.8547



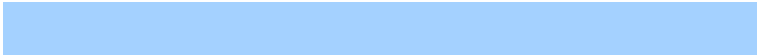
0.0000, 0.0000, 0.0000



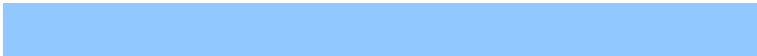
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1621, 60.7157, 103.3670



50.3447, 54.3833, 102.4513



46.6369, 41.6654, 100.1919



17.7449, 18.8614, 22.9553



13.4858, 11.8811, 51.0171



1.4221, 1.3750, 5.0037

Inverse Universe

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



66.0253, 52.4160, 66.9614



61.7946, 45.7682, 59.9604



83.7012, 95.4605, 49.1381



18.3839, 18.1369, 20.6387



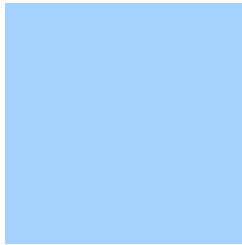
23.5952, 11.9274, 11.7846



2.3524, 1.1834, 1.4374

Previews

White Background



This preview shows how the XYZ color 56.1603, 60.7134, 103.3666 looks on a white background.

Color Contrast Check

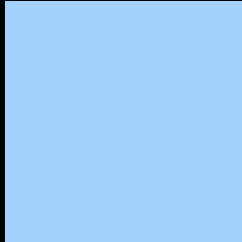
Large Text (above 18pt) WCAG AA × Fail

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 56.1603, 60.7134, 103.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

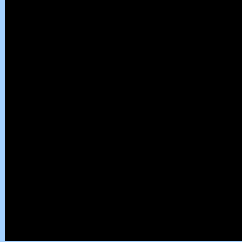
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

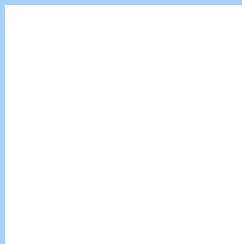
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1603, 60.7134, 103.3666

Background



This preview shows how black text looks on a background with the XYZ color 56.1603, 60.7134, 103.3666.



This preview shows how white text looks on a background with the XYZ color 56.1603, 60.7134,

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

56.1603, 60.7134, 103.3666

Protanopia

60.3682, 60.4806, 98.9347

Deuteranopia

61.7302, 60.3989, 103.0124



Tritanopia

52.1777, 60.5708, 83.8042

Trichromacy



Original Color

56.1603, 60.7134, 103.3666

Protanomaly

58.6934, 60.6360, 100.7059

Deuteranomaly

59.4135, 60.2462, 103.1050

Tritanomaly

53.6207, 60.7925, 90.5694

Monochromacy



Original Color

56.1603, 60.7134, 103.3666

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3830, 59.0976, 76.8946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1603, 60.7134, 103.3666 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(164, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 209, 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(164, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.1603, 60.7134, 103.3666 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(164, 209, 255) }
```


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

```
.border{ border-color:rgb(164, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1603, 60.7134, 103.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 209, 255) }
```

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

```
.background{ background-color: rgb(164,  
209, 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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