

Converting Colors

XYZ(51.7410, 56.8049,
102.8451)

Have a look what the booklet for
XYZ(51.7410, 56.8049, 102.8451)
contains.

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Color

**XYZ(51.6755, 56.6088,
102.8107)**

Conversions

Conversions Part 1

Format	Color
Hex	93CCFF
RGB	147, 204, 255
RGB Percent	58%, 80%, 100%
CMY	0.4235, 0.2000, 0.0000
CMYK	0.42, 0.20, 0.00, 0.00
HSL	208°, 100%, 79%
HSV	208°, 42%, 100%
XYZ	51.6755, 56.6088, 102.8107
YIQ	192.7710, -50.3430, 3.7770

Conversions

Conversions Part 2

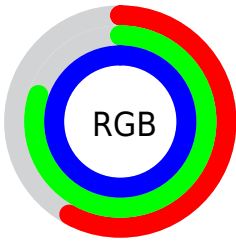
Format	Color
RYB	147, 184, 255
Decimal	9686271
CIELab	79.96, -5.53, -30.76
CIELCh	80, 31.257, 259.809
Yxy	56.6088, 0.2448, 0.2682
Android (android.graphics.Color)	4287876351 (0xFF93CCFF)
YUV	192.7710, 30.6789, -40.1412
Hunter-Lab	75.2388, -9.0706, -28.3501

Details

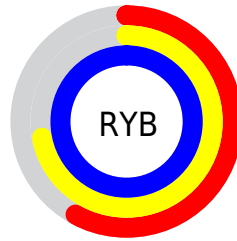
The XYZ color **51.6755, 56.6088, 102.8107** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.7012, 63.7555, 36.3963**, and the grayscale version is **50.4025, 53.0274, 57.7468**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **25.3158, 28.0636, 57.5086** is the 20% darker color. If you saturate the color by 10%, you get **44.8474, 49.0041, 101.7028**, and if you desaturate by 10%, it is **59.7416, 65.1826, 104.0405**.

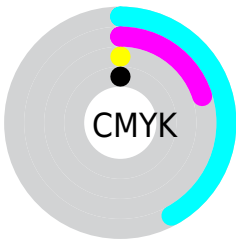
Distribution



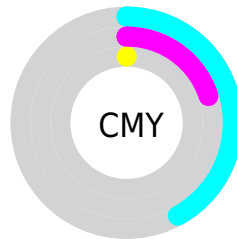
- Red (58%)
- Green (80%)
- Blue (100%)



- Red (58%)
- Yellow (72%)
- Blue (100%)



- Cyan (42%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6755, 56.6088, 102.8107 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 51.6755, 56.6088, 102.8107 by changing the saturation by 10% instead.

■ 51.6755, 56.6088,
102.8107

■ 51.6755, 56.6088,
102.8107

383.5271,
411.9818, 590.4904

■ 36.9697, 40.6912,
78.0200

■ 91.8296, 99.8942,
167.0999

■ 25.3576, 28.0779,
57.5739

■ 118.0085,
128.0307, 207.4354

■ 16.4738, 18.3844,
41.0537

148.7426,
161.0091, 253.7897

■ 9.9530, 11.2263,
28.0411

184.3972,
199.2137, 306.5812

■ 5.4299, 6.2193,
18.1173

225.3376,
243.0289, 366.2284

■ 2.5389, 2.9789,
10.8639

271.9291,

■ 0.9149, 1.1207,

292.8390, 433.1501

5.8624

324.5372,
349.0285, 507.7645

■ 0.0000, 0.0000,
2.6942

■ 0.0000, 0.0000,
0.9405

■ 51.6755, 56.6088,
102.8107

■ 51.6755, 56.6088,
102.8107

■ 44.8474, 49.0041,
101.7028

■ 59.7416, 65.1826,
104.0405

■ 39.1796, 42.3176,
100.7109

■ 69.1071, 74.7607,
105.3957

■ 34.5927, 36.5017,
99.8300

■ 79.8349, 85.3836,
106.8807

■ 30.9937, 31.5006,
99.0544

■ 91.9821, 97.0876,
108.4996

■ 28.2710, 27.2485,
98.3772

95.0500, 100.0000,
108.9000

■ 26.6563, 24.4327,
97.9188

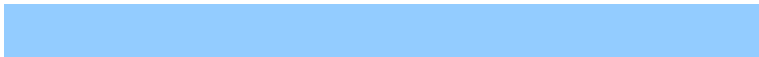
Harmonies

Analogous

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



46.3107, 56.6088, 92.3607



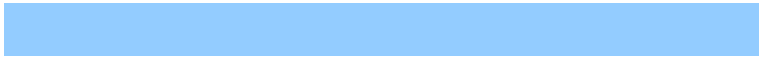
51.6755, 56.6088, 102.8107



58.0456, 56.6088, 100.6931

Triad

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



51.6755, 56.6088, 102.8107



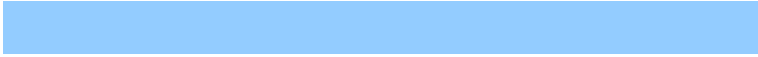
66.1166, 56.6088, 50.5402



45.0143, 56.6088, 41.7297

Complementary

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



51.6755, 56.6088, 102.8107



66.7012, 63.7555, 36.3963

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.



49.7761, 56.6088, 34.2658



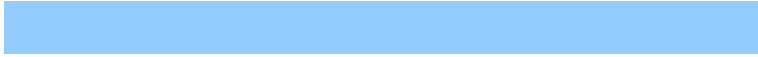
51.6755, 56.6088, 102.8107



62.0670, 56.6088, 38.6169

Square

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



51.6755, 56.6088, 102.8107



66.7258, 56.6088, 68.0272



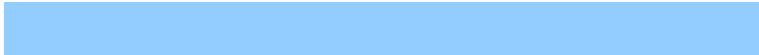
55.9921, 56.6088, 33.2510



42.6700, 56.6088, 55.6608

Rectangle

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



51.6755, 56.6088, 102.8107



61.9986, 56.6088, 92.5567



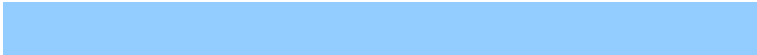
55.9921, 56.6088, 33.2510



46.3670, 56.6088, 38.5075

Sweetspot

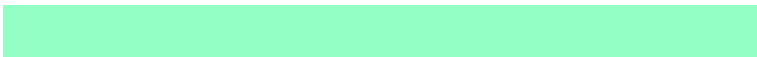
The Sweet Spot groups the original color and five complimentary colors.



51.6772, 56.6109, 102.8111



79.0962, 84.6618, 106.7803



57.9177, 81.7732, 65.7967



16.4016, 17.6029, 22.7832



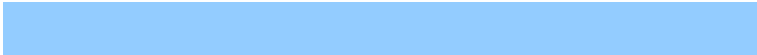
0.0000, 0.0000, 0.0000



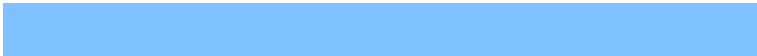
20.3446, 21.4041, 23.3091

Same Dimension

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



51.6772, 56.6109, 102.8111



45.7006, 49.9771, 101.8456



41.0866, 35.4297, 99.2809



17.7966, 18.9648, 22.9725



14.0793, 13.0682, 51.2149



1.4803, 1.4913, 5.0231

Inverse Universe

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



62.5740, 46.4887, 62.8041



58.2588, 39.7912, 55.4071



81.1292, 92.6114, 41.2056



18.4100, 18.1473, 20.7761



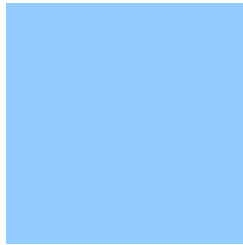
23.8948, 12.0472, 13.3624



2.3818, 1.1951, 1.5919

Previews

White Background



This preview shows how the XYZ color 51.6755, 56.6088, 102.8107 looks on a white background.

Color Contrast Check

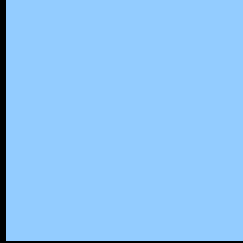
Large Text (above 18pt) WCAG AA × Fail

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 51.6755, 56.6088, 102.8107 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

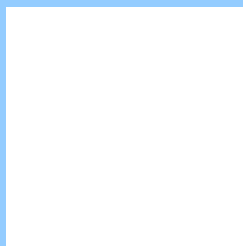
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6755, 56.6088, 102.8107

Background



This preview shows how black text looks on a background with the XYZ color 51.6755, 56.6088, 102.8107.



This preview shows how white text looks on a background with the XYZ color 51.6755, 56.6088,

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

51.6755, 56.6088, 102.8107

Protanopia

56.3812, 56.0601, 97.4716

Deuteranopia

57.3494, 56.1179, 102.4169



Tritanopia

47.1754, 56.5809, 80.3863

Trichromacy



Original Color

51.6755, 56.6088, 102.8107

Protanomaly

54.4013, 56.0111, 99.2108

Deuteranomaly

55.0387, 56.2661, 102.5673

Tritanomaly

48.7542, 56.4909, 88.4550

Monochromacy



Original Color

51.6755, 56.6088, 102.8107

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.2654, 54.1205, 72.7628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6755, 56.6088, 102.8107 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(147, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 204, 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(147, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.6755, 56.6088, 102.8107 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(147, 204, 255) }
```


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

```
.border{ border-color:rgb(147, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(147, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6755, 56.6088, 102.8107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 204, 255) }
```

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

```
.background{ background-color: rgb(147,  
204, 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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