

Converting Colors

XYZ(56.2514, 59.4043,
106.3369)

Have a look what the booklet for
XYZ(56.2514, 59.4043, 106.3369)
contains.

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Color

**XYZ(55.6072, 58.9896,
103.0631)**

Conversions

Conversions Part 1

Format	Color
Hex	A6CDFF
RGB	166, 205, 255
RGB Percent	65%, 80%, 100%
CMY	0.3490, 0.1961, 0.0000
CMYK	0.35, 0.20, 0.00, 0.00
HSL	214°, 100%, 83%
HSV	214°, 35%, 100%
XYZ	55.6072, 58.9896, 103.0631
YIQ	199.0390, -39.2940, 7.2820

Conversions

Conversions Part 2

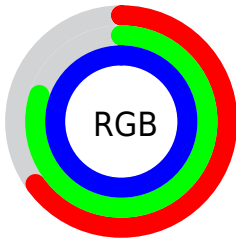
Format	Color
R_{YB}	166, 193, 255
Decimal	10931711
CIE _{Lab}	81.29, -1.15, -28.64
CIE _{LCh}	81, 28.660, 267.697
Yxy	58.9896, 0.2555, 0.2710
Android (android.graphics.Color)	4289121791 (0xFFA6CDFF)
YUV	199.0390, 27.5888, -28.9752
Hunter-Lab	76.8047, -5.1728, -25.7971

Details

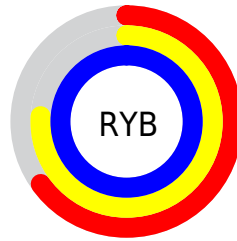
The XYZ color **55.6072, 58.9896, 103.0631** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.6792, 73.1252, 46.3623**, and the grayscale version is **54.1652, 56.9860, 62.0578**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **27.8152, 29.5899, 57.6715** is the 20% darker color. If you saturate the color by 10%, you get **47.5110, 49.9607, 101.7470**, and if you desaturate by 10%, it is **65.0803, 69.1967, 104.5339**.

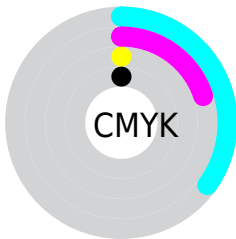
Distribution



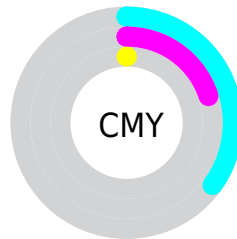
- Red (65%)
- Green (80%)
- Blue (100%)



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



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6072, 58.9896, 103.0631 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 55.6072, 58.9896, 103.0631 by changing the saturation by 10% instead.

■ 55.6072, 58.9896,
103.0631

■ 55.6072, 58.9896,
103.0631

398.3086,
420.8634, 591.2996

■ 40.1238, 42.6047,
78.2300

■ 97.5732, 103.3625,
167.4487

■ 27.8198, 29.5751,
57.7454

■ 124.7865,
132.1194, 207.8383

■ 18.3296, 19.5163,
41.1906

156.6405,
165.7691, 254.2506

■ 11.2880, 12.0439,
28.1473

193.5006,
204.6960, 307.1039

■ 6.3296, 6.7736,
18.1967

235.7321,
249.2845, 366.8170

■ 3.0891, 3.3209,
10.9204

283.7004,

■ 1.2010, 1.3015,

299.9189, 433.8082

5.8998

337.7707,
356.9838, 508.4963

■ 0.1072, 0.1424,
2.7165

■ 0.0000, 0.0000,
0.9517

■ 55.6072, 58.9896,
103.0631

■ 55.6072, 58.9896,
103.0631

■ 47.5110, 49.9607,
101.7470

■ 65.0803, 69.1967,
104.5339

■ 40.7153, 42.0543,
100.5791

■ 75.9910, 80.6214,
106.1641

■ 35.1435, 35.2192,
99.5535

■ 88.4024, 93.3090,
107.9589

■ 30.7078, 29.3965,
98.6634

95.0500, 100.0000,
108.9000

■ 27.3072, 24.5200,
97.9013

■ 24.8189, 20.5114,
97.2587

■ 23.8161, 18.7523,
96.9720

Harmonies

Analogous

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



50.1461, 58.9896, 96.2707



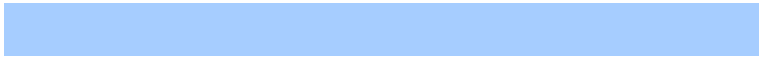
55.6072, 58.9896, 103.0631



61.5828, 58.9896, 98.0137

Triad

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



55.6072, 58.9896, 103.0631



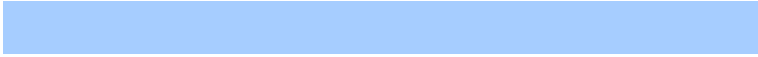
66.8751, 58.9896, 50.1098



46.9015, 58.9896, 48.1930

Complementary

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



55.6072, 58.9896, 103.0631



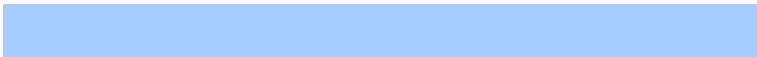
72.6792, 73.1252, 46.3623

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.



50.8924, 58.9896, 39.2661



55.6072, 58.9896, 103.0631



62.4384, 58.9896, 40.2267

Square

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



55.6072, 58.9896, 103.0631



68.3569, 58.9896, 65.5616



56.5310, 58.9896, 36.6292



45.3476, 58.9896, 62.9158

Rectangle

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



55.6072, 58.9896, 103.0631



65.0074, 58.9896, 89.0351



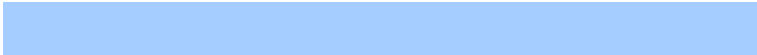
56.5310, 58.9896, 36.6292



47.9879, 58.9896, 44.5209

Sweetspot

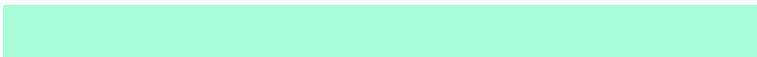
The Sweet Spot groups the original color and five complimentary colors.



55.6089, 58.9918, 103.0634



81.8819, 86.6785, 107.0227



63.7463, 84.5312, 77.2139



17.1565, 18.1742, 22.8537



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.



55.6089, 58.9918, 103.0634



49.7224, 52.4621, 102.1133



48.3628, 43.0906, 100.3761



17.6579, 18.6875, 22.9263



12.5870, 10.0837, 50.7175



1.3321, 1.1948, 4.9737

Inverse Universe

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



65.8968, 52.9418, 64.5056



61.6457, 46.3410, 57.2265



82.2651, 94.6991, 50.0212



18.3400, 18.1193, 20.4076



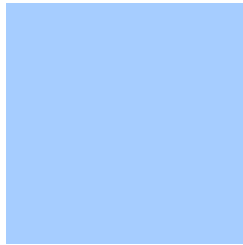
23.1416, 11.7459, 9.3959



2.3070, 1.1652, 1.1979

Previews

White Background



This preview shows how the XYZ color 55.6072, 58.9896, 103.0631 looks on a white background.

Color Contrast Check

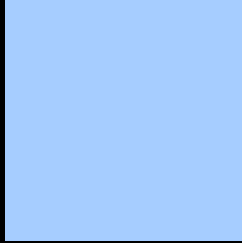
Large Text (above 18pt) WCAG AA × Fail

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 55.6072, 58.9896, 103.0631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

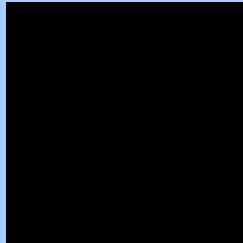
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

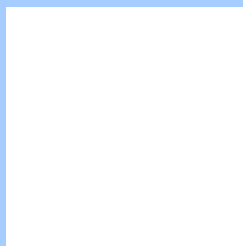
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6072, 58.9896, 103.0631

Background



This preview shows how black text looks on a background with the XYZ color 55.6072, 58.9896, 103.0631.



This preview shows how white text looks on a background with the XYZ color 55.6072, 58.9896,

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

55.6072, 58.9896, 103.0631

Protanopia

58.8223, 58.6307, 99.4834

Deuteranopia

59.9823, 58.8146, 102.7987



Tritanopia

51.2098, 59.0102, 81.3641

Trichromacy



Original Color

55.6072, 58.9896, 103.0631

Protanomaly

57.5134, 58.6253, 100.3800

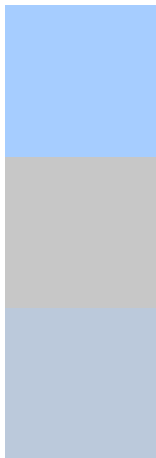
Deuteranomaly

58.4651, 59.0606, 102.9261

Tritanomaly

52.7422, 58.9076, 88.7112

Monochromacy



Original Color

55.6072, 58.9896, 103.0631

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.1663, 57.4526, 75.2524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6072, 58.9896, 103.0631 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(166, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 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(166, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.6072, 58.9896, 103.0631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

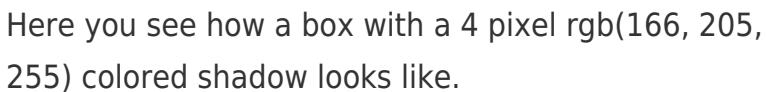
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 205, 255) }
```


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

```
.border{ border-color:rgb(166, 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(166, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 205, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 205, 255); box-shadow:4px 4px 4px 4px rgb(166, 205, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6072, 58.9896, 103.0631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 205, 255) }
```

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

```
.background{ background-color: rgb(166,  
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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