

Converting Colors

XYZ(55.3334, 58.9324,
103.0665)

Have a look what the booklet for
XYZ(55.3334, 58.9324, 103.0665)
contains.

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Color

**XYZ(55.1912, 58.7752,
103.0436)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A4CDFF |
| RGB | 164, 205, 255 |
| RGB Percent | 64%, 80%, 100% |
| CMY | 0.3568, 0.1961, 0.0000 |
| CMYK | 0.36, 0.20, 0.00, 0.00 |
| HSL | 213°, 100%, 82% |
| HSV | 213°, 36%, 100% |
| XYZ | 55.1912, 58.7752, 103.0436 |
| YIQ | 198.4410, -40.4860, 6.8580 |

Conversions

Conversions Part 2

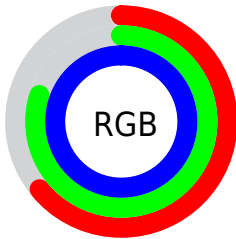
| Format | Color |
|-------------------------------------|---|
| RYB | 164, 192, 255 |
| Decimal | 10800639 |
| CIELab | 81.17, -1.69, -28.83 |
| CIELCh | 81, 28.877, 266.648 |
| Yxy | 58.7752, 0.2543, 0.2708 |
| Android (android.graphics.Color) | 4288990719 (0xFFA4CDFF) |
| YUV | 198.4410, 27.8836, -30.2048 |
| Hunter-Lab | 76.6650, -5.6614, -26.0248 |

Details

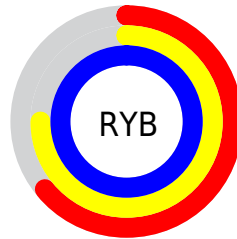
The XYZ color **55.1912, 58.7752, 103.0436** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.9879, 72.0338, 45.2336**, and the grayscale version is **53.7995, 56.6013, 61.6388**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **27.5663, 29.4616, 57.6598** is the 20% darker color. If you saturate the color by 10%, you get **47.2442, 49.9250, 101.7542**, and if you desaturate by 10%, it is **64.4968, 68.7739, 104.4831**.

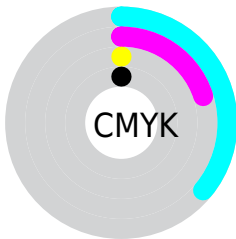
Distribution



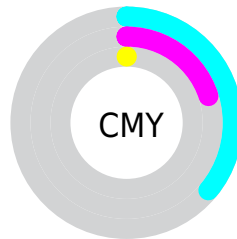
- Red (64%)
- Green (80%)
- Blue (100%)



- Red (64%)
- Yellow (75%)
- Blue (100%)



- Cyan (36%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1912, 58.7752, 103.0436 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 55.1912, 58.7752, 103.0436 by changing the saturation by 10% instead.

■ 55.1912, 58.7752,
103.0436

■ 55.1912, 58.7752,
103.0436

396.7609,
420.0683, 591.2371

■ 39.7893, 42.4322,
78.2138

■ 96.9677, 103.0509,
167.4218

■ 27.5578, 29.4399,
57.7321

■ 124.0730,
131.7523, 207.8072

■ 18.1313, 19.4138,
41.1801

155.8102,
165.3420, 254.2150

■ 11.1446, 11.9697,
28.1390

192.5445,
204.2044, 307.0636

■ 6.2322, 6.7230,
18.1905

234.6414,
248.7238, 366.7715

■ 3.0288, 3.2895,
10.9160

282.4662,

■ 1.1690, 1.2847,

299.2847, 433.7574

5.8969

336.3843,
356.2714, 508.4398

■ 0.0817, 0.1293,
2.7147

■ 0.0000, 0.0000,
0.9508

■ 55.1912, 58.7752,
103.0436

■ 55.1912, 58.7752,
103.0436

■ 47.2442, 49.9250,
101.7542

■ 64.4968, 68.7739,
104.4831

■ 40.5793, 42.1684,
100.6083

■ 75.2215, 79.9596,
106.0769

■ 35.1199, 35.4551,
99.6002

■ 87.4282, 92.3768,
107.8303

■ 30.7782, 29.7270,
98.7234

95.0500, 100.0000,
108.9000

■ 27.4524, 24.9185,
97.9706

■ 25.0182, 20.9514,
97.3332

■ 24.1687, 19.4574,
97.0896

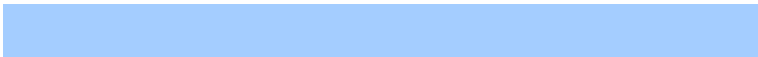
Harmonies

Analogous

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



49.7491, 58.7752, 95.8104



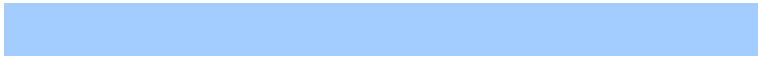
55.1912, 58.7752, 103.0436



61.2086, 58.7752, 98.3649

Triad

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



55.1912, 58.7752, 103.0436



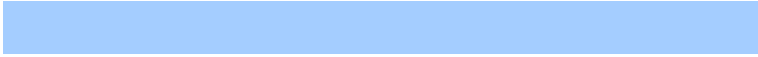
66.8413, 58.7752, 50.2715



46.7571, 58.7752, 47.4720

Complementary

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



55.1912, 58.7752, 103.0436



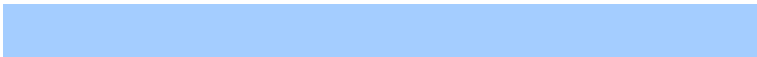
71.9879, 72.0338, 45.2336

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.



50.8400, 58.7752, 38.7411



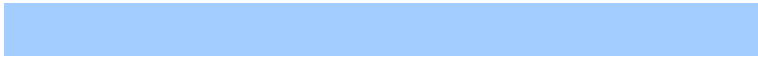
55.1912, 58.7752, 103.0436



62.4607, 58.7752, 40.1422

Square

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



55.1912, 58.7752, 103.0436



68.2117, 58.7752, 65.9506



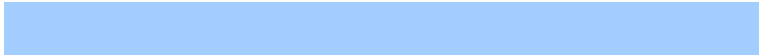
56.5424, 58.7752, 36.3184



45.1044, 58.7752, 62.0808

Rectangle

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



55.1912, 58.7752, 103.0436



64.6947, 58.7752, 89.5080



56.5424, 58.7752, 36.3184



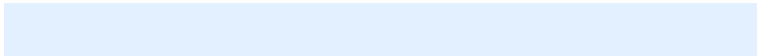
47.8759, 58.7752, 43.8607

Sweetspot

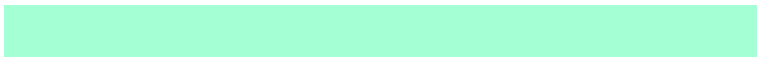
The Sweet Spot groups the original color and five complimentary colors.



55.1929, 58.7774, 103.0439



80.7518, 85.6209, 106.8781



63.0220, 84.1935, 75.5713



16.9344, 17.9697, 22.8259



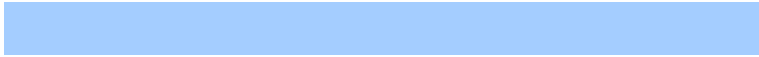
0.0000, 0.0000, 0.0000



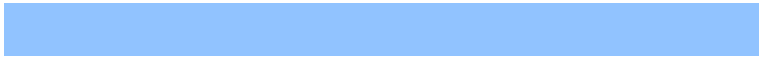
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1929, 58.7774, 103.0439



49.2490, 52.1919, 102.0861



47.2704, 41.9919, 100.2216



17.6770, 18.7255, 22.9327



12.7730, 10.4555, 50.7795



1.3509, 1.2326, 4.9800

Inverse Universe

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



65.5361, 52.2204, 64.3854



61.2416, 45.5470, 57.0480



82.5941, 94.8897, 49.0863



18.3496, 18.1232, 20.4581



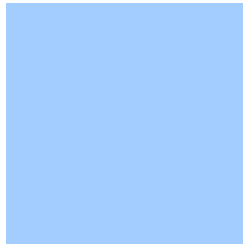
23.2354, 11.7834, 9.8900



2.3165, 1.1690, 1.2481

Previews

White Background



This preview shows how the XYZ color 55.1912, 58.7752, 103.0436 looks on a white background.

Color Contrast Check

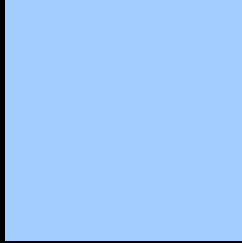
Large Text (above 18pt) WCAG AA × Fail

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 55.1912, 58.7752, 103.0436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

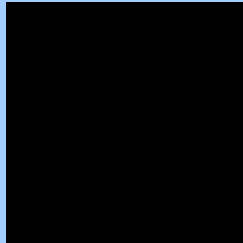
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

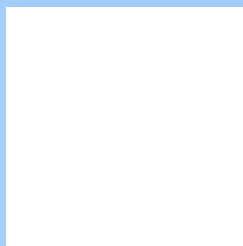
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1912, 58.7752, 103.0436

Background



This preview shows how black text looks on a background with the XYZ color 55.1912, 58.7752, 103.0436.



This preview shows how white text looks on a background with the XYZ color 55.1912, 58.7752,

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

55.1912, 58.7752, 103.0436

Protanopia

58.8223, 58.6307, 99.4834

Deuteranopia

59.7545, 58.3590, 102.7227



Tritanopia

50.8163, 58.8073, 81.3457

Trichromacy



Original Color

55.1912, 58.7752, 103.0436

Protanomaly

57.2797, 58.5049, 100.3691

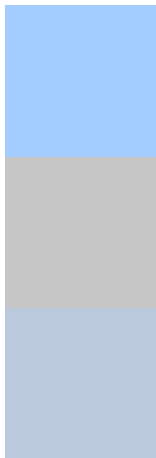
Deuteranomaly

57.9957, 58.4736, 102.8376

Tritanomaly

52.3391, 58.6998, 88.6924

Monochromacy



Original Color

55.1912, 58.7752, 103.0436

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.9225, 57.3269, 75.2410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1912, 58.7752, 103.0436 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, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 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(164, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.1912, 58.7752, 103.0436 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, 205, 255) }
```


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

```
.border{ border-color:rgb(164, 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(164, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1912, 58.7752, 103.0436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 205, 255) }
```

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

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