

Converting Colors

XYZ(68.4231, 64.8572,
191.2872)

Have a look what the booklet for
XYZ(68.4231, 64.8572, 191.2872)
contains.

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Color

**XYZ(51.5904, 57.9945,
103.0827)**

Conversions

Conversions Part 1

Format	Color
Hex	8DD0FF
RGB	141, 208, 255
RGB Percent	55%, 82%, 100%
CMY	0.4470, 0.1843, 0.0000
CMYK	0.45, 0.18, 0.00, 0.00
HSL	205°, 100%, 78%
HSV	205°, 45%, 100%
XYZ	51.5904, 57.9945, 103.0827
YIQ	193.3250, -55.0190, 0.4130

Conversions

Conversions Part 2

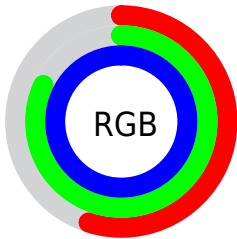
Format	Color
RYB	141, 183, 255
Decimal	9294079
CIELab	80.74, -9.10, -29.60
CIELCh	81, 30.966, 252.906
Yxy	57.9945, 0.2426, 0.2727
Android (android.graphics.Color)	4287484159 (0xFF8DD0FF)
YUV	193.3250, 30.4058, -45.8890
Hunter-Lab	76.1541, -12.3454, -26.9474

Details

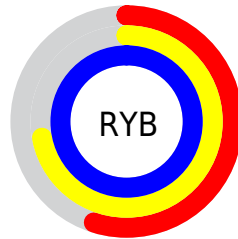
The XYZ color **51.5904, 57.9945, 103.0827** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.0317, 59.1504, 33.2436**, and the grayscale version is **50.7312, 53.3731, 58.1233**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **25.3159, 29.0274, 57.6946** is the 20% darker color. If you saturate the color by 10%, you get **45.2647, 51.0549, 102.0766**, and if you desaturate by 10%, it is **59.0875, 65.7927, 104.1928**.

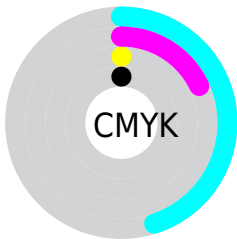
Distribution



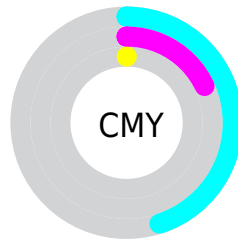
- Red (55%)
- Green (82%)
- Blue (100%)



- Red (55%)
- Yellow (72%)
- Blue (100%)



- Cyan (45%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5904, 57.9945, 103.0827 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 51.5904, 57.9945, 103.0827 by changing the saturation by 10% instead.

■ 51.5904, 57.9945,
103.0827

■ 51.5904, 57.9945,
103.0827

383.2033,
417.1654, 591.3624

■ 36.9016, 41.8042,
78.2463

■ 91.7047, 101.9149,
167.4758

■ 25.3047, 28.9480,
57.7587

■ 117.8609,
130.4137, 207.8696

■ 16.4341, 19.0415,
41.2013

148.5704,
163.7842, 254.2864

■ 9.9247, 11.7003,
28.1555

184.1984,
202.4108, 307.1445

■ 5.4109, 6.5399,
18.2029

225.1104,
246.6778, 366.8627

■ 2.5275, 3.1761,
10.9248

271.6716,

■ 0.9092, 1.2243,

296.9697, 433.8593

5.9027

324.2474,
353.6707, 508.5531

■ 0.0000, 0.0815,
2.7182

■ 0.0000, 0.0000,
0.9526

■ 51.5904, 57.9945,
103.0827

■ 51.5904, 57.9945,
103.0827

■ 45.2647, 51.0549,
102.0766

■ 59.0875, 65.7927,
104.1928

■ 40.0326, 44.9251,
101.1692

■ 67.8169, 74.4819,
105.4099

■ 35.8140, 39.5603,
100.3560

■ 77.8411, 84.1001,
106.7380

■ 32.5144, 34.9064,
99.6317

■ 89.2166, 94.6809,
108.1808

■ 30.0181, 30.8986,
98.9896

95.0500, 100.0000,
108.9000

■ 28.9358, 28.9917,
98.6786

Harmonies

Analogous

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



46.6071, 57.9945, 90.2449



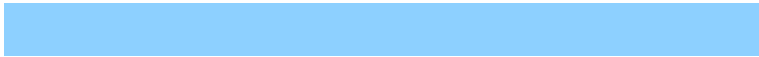
51.5904, 57.9945, 103.0827



57.9107, 57.9945, 104.0078

Triad

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



51.5904, 57.9945, 103.0827



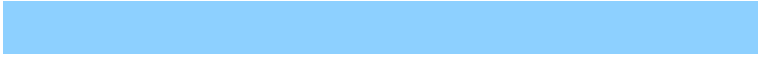
67.9801, 57.9945, 55.6118



47.1768, 57.9945, 40.7286

Complementary

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



51.5904, 57.9945, 103.0827



64.0317, 59.1504, 33.2436

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.



52.4243, 57.9945, 34.6931



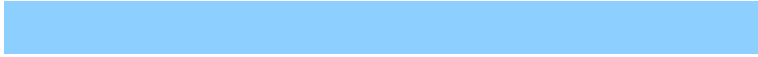
51.5904, 57.9945, 103.0827



64.6156, 57.9945, 42.1005

Square

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



51.5904, 57.9945, 103.0827



67.7134, 57.9945, 74.0590



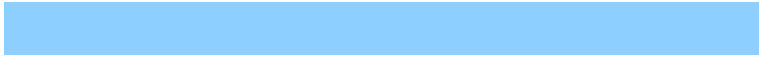
58.8113, 57.9945, 35.1413



44.1972, 57.9945, 53.3617

Rectangle

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



51.5904, 57.9945, 103.0827



62.0666, 57.9945, 97.5169



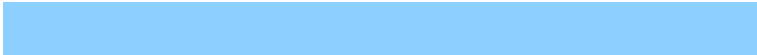
58.8113, 57.9945, 35.1413



48.7158, 57.9945, 37.9810

Sweetspot

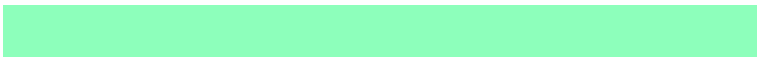
The Sweet Spot groups the original color and five complimentary colors.



51.5921, 57.9966, 103.0830



79.6823, 85.8340, 106.9757



55.6726, 80.7540, 59.4441



16.5464, 17.8924, 22.8314



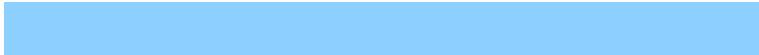
0.0000, 0.0000, 0.0000



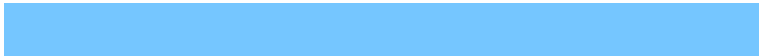
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5921, 57.9966, 103.0830



45.6733, 51.5164, 102.1442



40.3294, 35.4712, 99.3288



17.8903, 19.1522, 23.0038



15.2703, 15.4502, 51.6119



1.5945, 1.7198, 5.0612

Inverse Universe

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



62.1512, 44.8655, 65.0609



57.8560, 38.1405, 57.8781



78.2787, 87.6444, 37.9926



18.4573, 18.1662, 21.0252



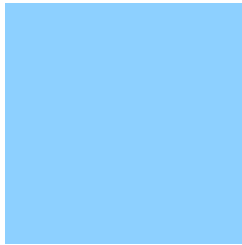
24.4959, 12.2877, 16.5280



2.4395, 1.2182, 1.8956

Previews

White Background



This preview shows how the XYZ color 51.5904, 57.9945, 103.0827 looks on a white background.

Color Contrast Check

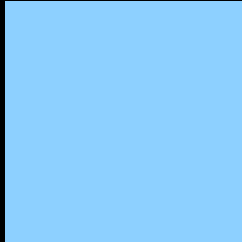
Large Text (above 18pt) WCAG AA × Fail

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 51.5904, 57.9945, 103.0827 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

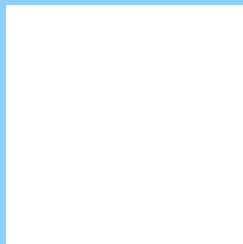
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5904, 57.9945, 103.0827

Background



This preview shows how black text looks on a background with the XYZ color 51.5904, 57.9945, 103.0827.



This preview shows how white text looks on a background with the XYZ color 51.5904, 57.9945,

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

51.5904, 57.9945, 103.0827

Protanopia

57.8764, 57.8568, 96.9240

Deuteranopia

58.7762, 57.5187, 102.6121



Tritanopia

47.6579, 57.8685, 83.5208

Trichromacy



Original Color

51.5904, 57.9945, 103.0827

Protanomaly

55.3277, 57.8640, 99.5196

Deuteranomaly

55.7175, 57.2992, 102.7310

Tritanomaly

49.1908, 58.1389, 90.2907

Monochromacy



Original Color

51.5904, 57.9945, 103.0827

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.0443, 54.3447, 72.8177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5904, 57.9945, 103.0827 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(141, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 208, 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(141, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.5904, 57.9945, 103.0827 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(141, 208, 255) }
```


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

```
.border{ border-color:rgb(141, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 208, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 208, 255); box-shadow:4px 4px 4px 4px rgb(141, 208, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5904, 57.9945, 103.0827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 208, 255) }
```

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

```
.background{ background-color: rgb(141,  
208, 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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