

Converting Colors

XYZ(55.0129, 63.8750,
104.0374)

Have a look what the booklet for
XYZ(55.0129, 63.8750, 104.0374)
contains.

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Color

**XYZ(55.0586, 63.9028,
104.0403)**

Conversions

Conversions Part 1

Format	Color
Hex	91DBFF
RGB	145, 219, 255
RGB Percent	57%, 86%, 100%
CMY	0.4314, 0.1412, 0.0000
CMYK	0.43, 0.14, 0.00, 0.00
HSL	200°, 100%, 78%
HSV	200°, 43%, 100%
XYZ	55.0586, 63.9028, 104.0403
YIQ	200.9780, -55.6600, -4.4920

Conversions

Conversions Part 2

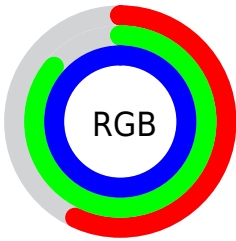
Format	Color
R _Y B	145, 189, 255
Decimal	9559039
CIE Lab	83.92, -13.86, -24.72
CIE LCh	84, 28.345, 240.716
Yxy	63.9028, 0.2469, 0.2866
Android (android.graphics.Color)	4287749119 (0xFF91DBFF)
YUV	200.9780, 26.6328, -49.0927
Hunter-Lab	79.9392, -16.9508, -21.2080

Details

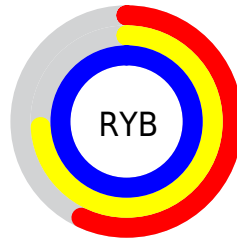
The XYZ color **55.0586, 63.9028, 104.0403** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **62.8754, 56.3528, 34.3534**, and the grayscale version is **55.3703, 58.2539, 63.4385**.

A 20% lighter version of the original color is **78.4386, 91.4365, 108.1226**, and **27.4930, 32.7028, 58.2893** is the 20% darker color. If you saturate the color by 10%, you get **48.9368, 57.5969, 103.1458**, and if you desaturate by 10%, it is **62.3015, 70.9515, 105.0191**.

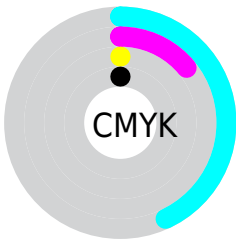
Distribution



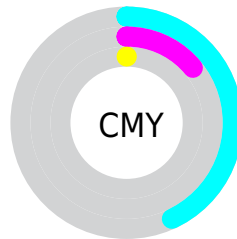
- Red (57%)
- Green (86%)
- Blue (100%)



- Red (57%)
- Yellow (74%)
- Blue (100%)



- Cyan (43%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0586, 63.9028, 104.0403 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 55.0586, 63.9028, 104.0403 by changing the saturation by 10% instead.

■ 55.0586, 63.9028,
104.0403

■ 55.0586, 63.9028,
104.0403

396.2668,
438.8385, 594.4270

■ 39.6827, 46.5720,
79.0434

■ 96.7746, 110.4709,
168.7986

■ 27.4743, 32.6974,
58.4100

■ 123.8454,
140.4770, 209.3971

■ 18.0682, 21.8947,
41.7214

155.5453,
175.4770, 256.0332

■ 11.0989, 13.7796,
28.5593

192.2394,
215.8552, 309.1255

■ 6.2012, 7.9675,
18.5050

234.2933,
261.9961, 369.0925

■ 3.0096, 4.0742,
11.1400

282.0723,

■ 1.1589, 1.7151,

314.2840, 436.3527

6.0457

335.9417,
373.1033, 511.3247

■ 0.0735, 0.4334,
2.8037

■ 0.0000, 0.0000,
0.9953

■ 55.0586, 63.9028,
104.0403

■ 55.0586, 63.9028,
104.0403

■ 48.9368, 57.5969,
103.1458

■ 62.3015, 70.9515,
105.0191

■ 43.8608, 51.9884,
102.3308

■ 70.7236, 78.7711,
106.0846

■ 39.7541, 47.0368,
101.5915

■ 80.3851, 87.3962,
107.2401

■ 36.5262, 42.6932,
100.9232

■ 91.3405, 96.8571,
108.4889

■ 34.0676, 38.8984,
100.3203

95.0500, 100.0000,
108.9000

■ 32.7171, 36.5541,
99.9390

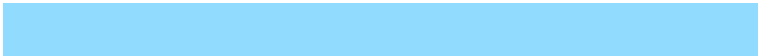
Harmonies

Analogous

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



51.0001, 63.9028, 88.6381



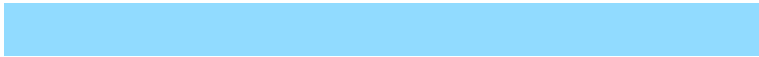
55.0586, 63.9028, 104.0403



60.8877, 63.9028, 109.8821

Triad

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



55.0586, 63.9028, 104.0403



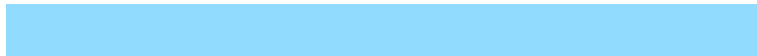
73.5356, 63.9028, 69.1508



54.8158, 63.9028, 44.0321

Complementary

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



55.0586, 63.9028, 104.0403



62.8754, 56.3528, 34.3534

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.



60.5879, 63.9028, 40.5770



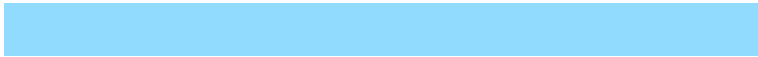
55.0586, 63.9028, 104.0403



71.6420, 63.9028, 53.4692

Square

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



55.0586, 63.9028, 104.0403



71.8095, 63.9028, 87.7671



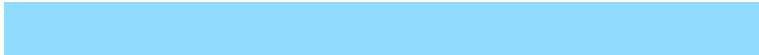
66.7945, 63.9028, 43.7164



50.8668, 63.9028, 54.0955

Rectangle

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



55.0586, 63.9028, 104.0403



65.0794, 63.9028, 106.9016



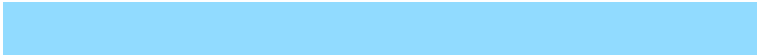
66.7945, 63.9028, 43.7164



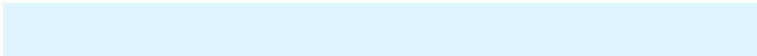
56.5935, 63.9028, 42.1449

Sweetspot

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



55.0604, 63.9052, 104.0407



80.5246, 87.5185, 107.2564



55.6595, 80.8288, 55.7608



16.7549, 18.3094, 22.9009



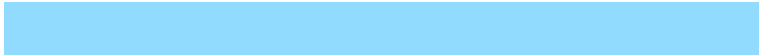
0.0000, 0.0000, 0.0000



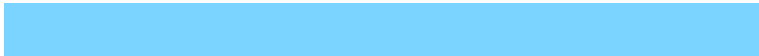
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0604, 63.9052, 104.0407



49.5779, 58.2771, 103.2433



43.2139, 40.2121, 100.0918



18.0245, 19.4206, 23.0485



17.2374, 19.3844, 52.2676



1.7781, 2.0869, 5.1224

Inverse Universe

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



64.1528, 46.6270, 72.6391



60.0828, 40.0111, 66.5834



76.0121, 82.6263, 38.7323



18.5250, 18.1933, 21.3819



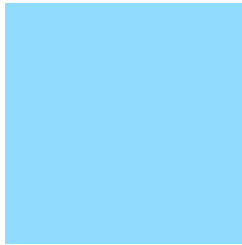
25.4888, 12.6848, 21.7565



2.5321, 1.2552, 2.3835

Previews

White Background



This preview shows how the XYZ color 55.0586, 63.9028, 104.0403 looks on a white background.

Color Contrast Check

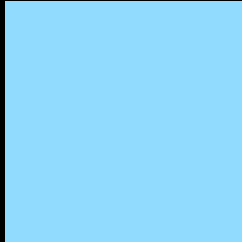
Large Text (above 18pt) WCAG AA × Fail

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 55.0586, 63.9028, 104.0403 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

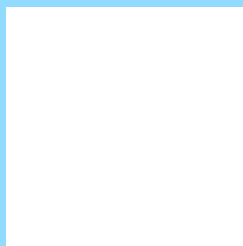
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0586, 63.9028, 104.0403

Background



This preview shows how black text looks on a background with the XYZ color 55.0586, 63.9028, 104.0403.



This preview shows how white text looks on a background with the XYZ color 55.0586, 63.9028,

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

55.0586, 63.9028, 104.0403

Protanopia

62.7668, 63.5588, 96.1487

Deuteranopia

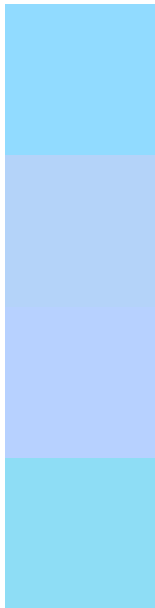
64.5447, 63.2431, 103.4130



Tritanopia

52.6858, 64.1373, 91.2643

Trichromacy



Original Color

55.0586, 63.9028, 104.0403

Protanomaly

59.2155, 63.1314, 98.6871

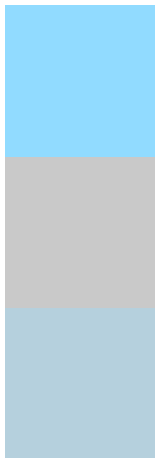
Deuteranomaly

60.3789, 62.8882, 103.5641

Tritanomaly

53.4932, 64.0563, 95.9309

Monochromacy



Original Color

55.0586, 63.9028, 104.0403

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.6631, 60.1560, 77.1368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0586, 63.9028, 104.0403 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(145, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 219, 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(145, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.0586, 63.9028, 104.0403 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(145, 219, 255) }
```


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

```
.border{ border-color:rgb(145, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0586, 63.9028, 104.0403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 219, 255) }
```

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

```
.background{ background-color: rgb(145,  
219, 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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