

Converting Colors

XYZ(55.4763, 66.0152,
104.4260)

Have a look what the booklet for
XYZ(55.4763, 66.0152, 104.4260)
contains.

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Color

**XYZ(55.5209, 66.1068,
104.4414)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE0FF
RGB	140, 224, 255
RGB Percent	55%, 88%, 100%
CMY	0.4510, 0.1216, 0.0000
CMYK	0.45, 0.12, 0.00, 0.00
HSL	196°, 100%, 77%
HSV	196°, 45%, 100%
XYZ	55.5209, 66.1068, 104.4414
YIQ	202.4180, -60.0150, -8.1670

Conversions

Conversions Part 2

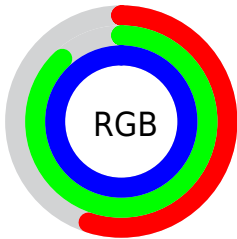
Format	Color
RYB	140, 189, 255
Decimal	9232639
CIELab	85.05, -17.60, -23.02
CIELCh	85, 28.973, 232.602
Yxy	66.1068, 0.2456, 0.2924
Android (android.graphics.Color)	4287422719 (0xFF8CE0FF)
YUV	202.4180, 25.9229, -54.7406
Hunter-Lab	81.3061, -20.3947, -19.2465

Details

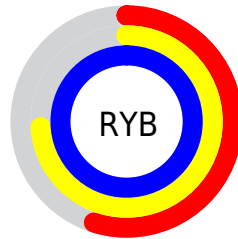
The XYZ color **55.5209, 66.1068, 104.4414** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **60.5372, 52.2799, 31.7133**, and the grayscale version is **56.2717, 59.2023, 64.4713**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **27.7743, 34.2025, 58.5640** is the 20% darker color. If you saturate the color by 10%, you get **49.9018, 60.5243, 103.6600**, and if you desaturate by 10%, it is **62.2139, 72.3567, 105.2950**.

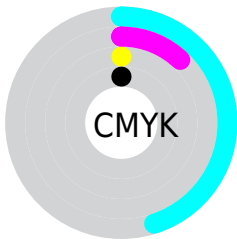
Distribution



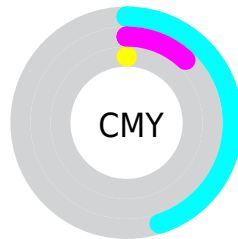
- Red (55%)
- Green (88%)
- Blue (100%)



- Red (55%)
- Yellow (74%)
- Blue (100%)



- Cyan (45%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5209, 66.1068, 104.4414 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 55.5209, 66.1068, 104.4414 by changing the saturation by 10% instead.

■ 55.5209, 66.1068,
104.4414

■ 55.5209, 66.1068,
104.4414

397.9878,
446.7587, 595.7082

■ 40.0544, 48.3591,
79.3774

■ 97.4476, 113.6396,
169.3523

■ 27.7654, 34.1114,
58.6830

■ 124.6386,
144.1935, 210.0363

■ 18.2884, 22.9792,
41.9397

156.4684,
179.7849, 256.7641

■ 11.2582, 14.5781,
28.7288

193.3024,
220.7983, 309.9542

■ 6.3093, 8.5238,
18.6320

235.5060,
267.6179, 370.0251

■ 3.0765, 4.4319,
11.2305

283.4445,

■ 1.1944, 1.9180,

320.6283, 437.3953

6.1060

337.4834,
380.2138, 512.4835

■ 0.1019, 0.5592,
2.8398

■ 0.0000, 0.0000,
1.0134

■ 55.5209, 66.1068,
104.4414

■ 55.5209, 66.1068,
104.4414

■ 49.9018, 60.5243,
103.6600

■ 62.2139, 72.3567,
105.2950

■ 45.2804, 55.5643,
102.9462

■ 70.0391, 79.3009,
106.2229

■ 41.5790, 51.1868,
102.2963

■ 79.0571, 86.9735,
107.2285

■ 38.7047, 47.3426,
101.7058

■ 89.3225, 95.4036,
108.3147

■ 36.5437, 43.9716,
101.1691

95.0500, 100.0000,
108.9000

■ 35.6650, 42.4501,
100.9217

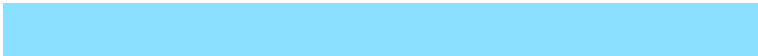
Harmonies

Analogous

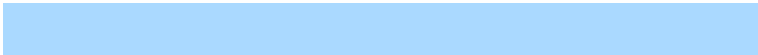
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.9534, 66.1068, 86.6809



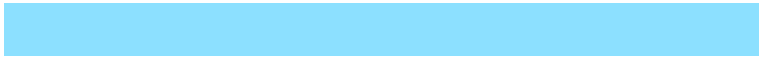
55.5209, 66.1068, 104.4414



61.2319, 66.1068, 113.7845

Triad

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



55.5209, 66.1068, 104.4414



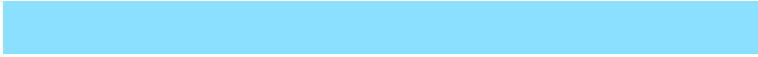
76.1048, 66.1068, 76.7023



58.1358, 66.1068, 43.6570

Complementary

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



55.5209, 66.1068, 104.4414



60.5372, 52.2799, 31.7133

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.



64.4608, 66.1068, 41.9185



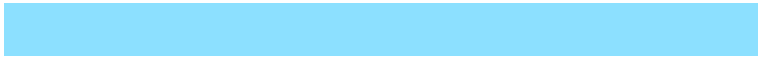
55.5209, 66.1068, 104.4414



75.1333, 66.1068, 59.0413

Square

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



55.5209, 66.1068, 104.4414



73.3292, 66.1068, 96.0651



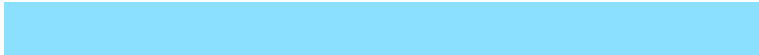
70.7594, 66.1068, 47.0543



53.3886, 66.1068, 52.2984

Rectangle

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



55.5209, 66.1068, 104.4414



65.6081, 66.1068, 113.0179



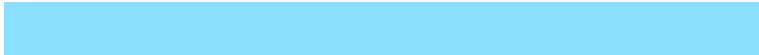
70.7594, 66.1068, 47.0543



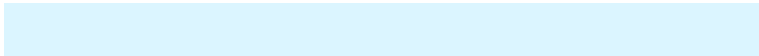
60.1364, 66.1068, 42.3147

Sweetspot

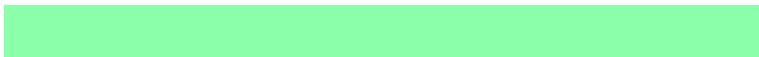
The Sweet Spot groups the original color and five complimentary colors.



55.5228, 66.1092, 104.4417



80.1204, 87.8600, 107.3436



53.8954, 80.0236, 50.9691



16.7041, 18.4340, 22.9277



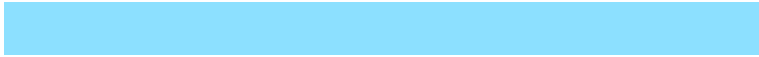
0.0000, 0.0000, 0.0000



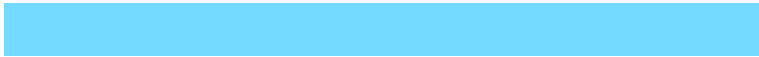
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5228, 66.1092, 104.4417



50.4678, 61.1052, 103.7423



42.6550, 40.3737, 100.1525



18.1164, 19.6045, 23.0792



18.7658, 22.4411, 52.7771



1.9176, 2.3659, 5.1689

Inverse Universe

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



64.0739, 45.3997, 75.9096



60.2760, 39.1085, 70.6217



73.7636, 78.7328, 36.1221



18.5714, 18.2119, 21.6262



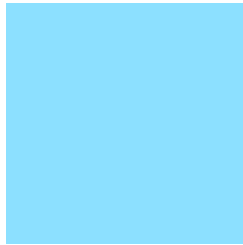
26.2603, 12.9934, 25.8189



2.6025, 1.2834, 2.7543

Previews

White Background



This preview shows how the XYZ color 55.5209, 66.1068, 104.4414 looks on a white background.

Color Contrast Check

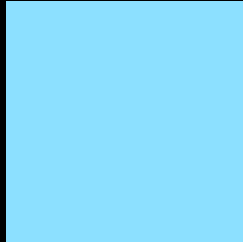
Large Text (above 18pt) WCAG AA × Fail

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 55.5209, 66.1068, 104.4414 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 55.5209, 66.1068, 104.4414

Background



This preview shows how black text looks on a background with the XYZ color 55.5209, 66.1068, 104.4414.

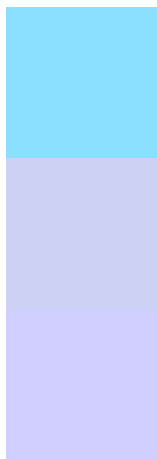


This preview shows how white text looks on a background with the XYZ color 55.5209, 66.1068,

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

55.5209, 66.1068, 104.4414

Protanopia

64.7049, 65.6649, 95.6505

Deuteranopia

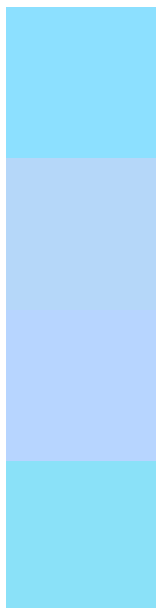
66.3752, 65.2555, 103.7050



Tritanopia

53.8420, 66.2427, 95.5363

Trichromacy



Original Color

55.5209, 66.1068, 104.4414

Protanomaly

60.4554, 65.2642, 99.0334

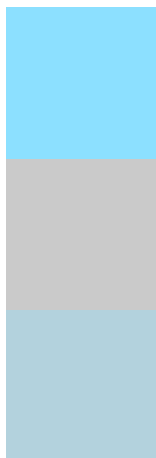
Deuteranomaly

61.3727, 64.8758, 103.8953

Tritanomaly

54.3497, 66.0310, 98.6877

Monochromacy



Original Color

55.5209, 66.1068, 104.4414

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.6881, 60.8974, 77.2786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5209, 66.1068, 104.4414 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(140, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 224, 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(140, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.5209, 66.1068, 104.4414 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(140, 224, 255) }
```


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

```
.border{ border-color:rgb(140, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 224,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5209, 66.1068, 104.4414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 224, 255) }
```

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

```
.background{ background-color: rgb(140,  
224, 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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