

Converting Colors

XYZ(55.2213, 65.4451,
104.3294)

Have a look what the booklet for
XYZ(55.2213, 65.4451, 104.3294)
contains.

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Color

**XYZ(55.2529, 65.5708,
104.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	8CDFFF
RGB	140, 223, 255
RGB Percent	55%, 87%, 100%
CMY	0.4510, 0.1255, 0.0000
CMYK	0.45, 0.13, 0.00, 0.00
HSL	197°, 100%, 77%
HSV	197°, 45%, 100%
XYZ	55.2529, 65.5708, 104.3520
YIQ	201.8310, -59.7400, -7.6440

Conversions

Conversions Part 2

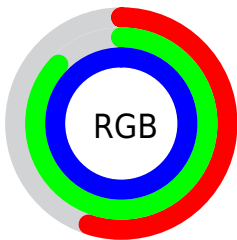
Format	Color
R _Y B	140, 188, 255
Decimal	9232383
CIE Lab	84.78, -17.09, -23.43
CIE LCh	85, 29.003, 233.897
Yxy	65.5708, 0.2454, 0.2912
Android (android.graphics.Color)	4287422463 (0xFF8CDFFF)
YUV	201.8310, 26.2123, -54.2258
Hunter-Lab	80.9758, -19.9102, -19.7229

Details

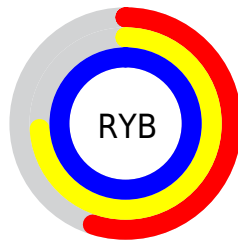
The XYZ color **55.2529, 65.5708, 104.3520** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **60.7268, 52.6593, 31.7766**, and the grayscale version is **55.9039, 58.8153, 64.0499**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **27.5890, 33.8318, 58.5022** is the 20% darker color. If you saturate the color by 10%, you get **49.5878, 59.8962, 103.5553**, and if you desaturate by 10%, it is **61.9967, 71.9223, 105.2226**.

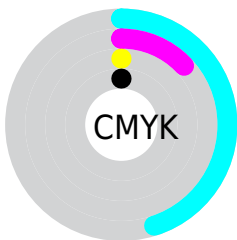
Distribution



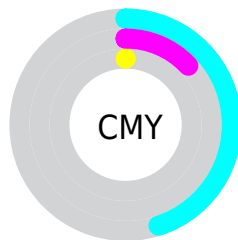
- Red (55%)
- Green (87%)
- Blue (100%)



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



- Cyan (45%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2529, 65.5708, 104.3520 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 55.2529, 65.5708, 104.3520 by changing the saturation by 10% instead.

55.2529, 65.5708,
104.3520

55.2529, 65.5708,
104.3520

396.9907,
444.8403, 595.4227

39.8389, 47.9241,
79.3030

97.0576, 112.8701,
169.2289

27.5966, 33.7668,
58.6221

124.1789,
143.2914, 209.8939

18.1607, 22.7145,
41.8910

155.9334,
178.7398, 256.6012

11.1658, 14.3828,
28.6910

192.6864,
219.5995, 309.7695

6.2466, 8.3874,
18.6036

234.8033,
266.2551, 369.8173

3.0377, 4.3438,
11.2103

282.6494,

1.1737, 1.8677,

319.0908, 437.1630

6.0925

336.5901,
378.4911, 512.2253

■ 0.0855, 0.5288,
2.8317

■ 0.0000, 0.0000,
1.0094

■ 55.2529, 65.5708,
104.3520

■ 55.2529, 65.5708,
104.3520

■ 49.5878, 59.8962,
103.5553

■ 61.9967, 71.9223,
105.2226

■ 44.9250, 54.8535,
102.8277

■ 69.8776, 78.9778,
106.1690

■ 41.1868, 50.4024,
102.1656

■ 78.9562, 86.7715,
107.1949

■ 38.2803, 46.4937,
101.5643

■ 89.2871, 95.3329,
108.3029

■ 36.0913, 43.0669,
101.0183

95.0500, 100.0000,
108.9000

■ 35.2005, 41.5211,
100.7668

Harmonies

Analogous

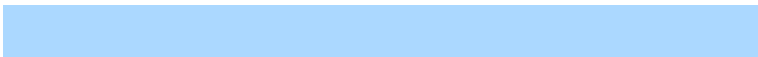
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.5923, 65.5708, 86.8794



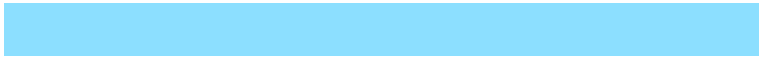
55.2529, 65.5708, 104.3520



61.0052, 65.5708, 113.1711

Triad

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



55.2529, 65.5708, 104.3520



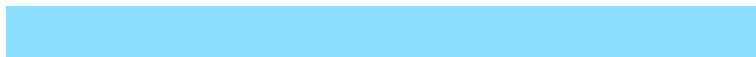
75.5781, 65.5708, 75.2644



57.4017, 65.5708, 43.4431

Complementary

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



55.2529, 65.5708, 104.3520



60.7268, 52.6593, 31.7766

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.



63.6598, 65.5708, 41.4202



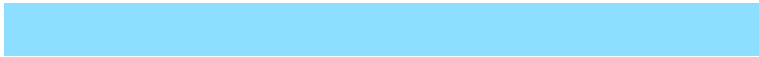
55.2529, 65.5708, 104.3520



74.4473, 65.5708, 57.8700

Square

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



55.2529, 65.5708, 104.3520



72.9630, 65.5708, 94.6018



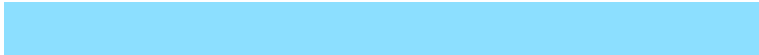
69.9720, 65.5708, 46.2302



52.7713, 65.5708, 52.3331

Rectangle

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



55.2529, 65.5708, 104.3520



65.3696, 65.5708, 112.0278



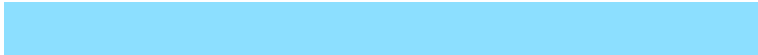
69.9720, 65.5708, 46.2302



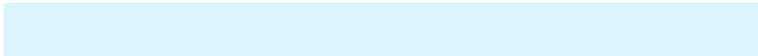
59.3727, 65.5708, 42.0099

Sweetspot

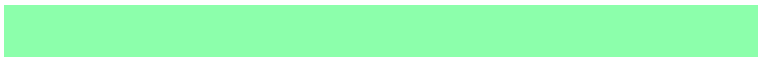
The Sweet Spot groups the original color and five complimentary colors.



55.2548, 65.5732, 104.3524



80.0264, 87.6719, 107.3123



53.8954, 80.0236, 50.9691



16.6810, 18.3879, 22.9200



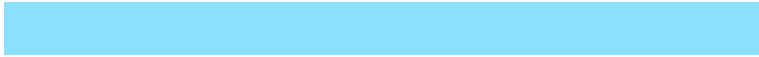
0.0000, 0.0000, 0.0000



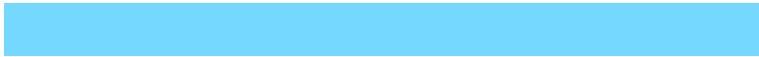
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2548, 65.5732, 104.3524



50.1585, 60.4868, 103.6392



42.6550, 40.3738, 100.1525



18.1025, 19.5767, 23.0745



18.5252, 21.9600, 52.6969



1.8958, 2.3223, 5.1616

Inverse Universe

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



63.9386, 45.3456, 75.1973



60.1199, 39.0460, 69.7998



73.7636, 78.7328, 36.1222



18.5644, 18.2091, 21.5893



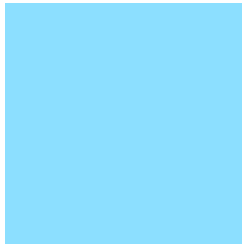
26.1389, 12.9448, 25.1795



2.5915, 1.2790, 2.6963

Previews

White Background



This preview shows how the XYZ color 55.2529, 65.5708, 104.3520 looks on a white background.

Color Contrast Check

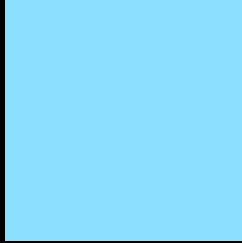
Large Text (above 18pt) WCAG AA × Fail

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 55.2529, 65.5708, 104.3520 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

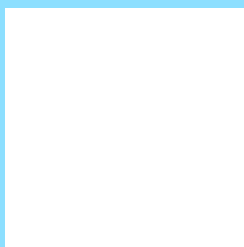
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2529, 65.5708, 104.3520

Background



This preview shows how black text looks on a background with the XYZ color 55.2529, 65.5708, 104.3520.

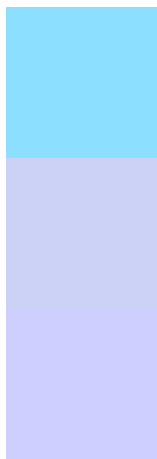


This preview shows how white text looks on a background with the XYZ color 55.2529, 65.5708,

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

55.2529, 65.5708, 104.3520

Protanopia

64.3369, 65.0921, 96.3619

Deuteranopia

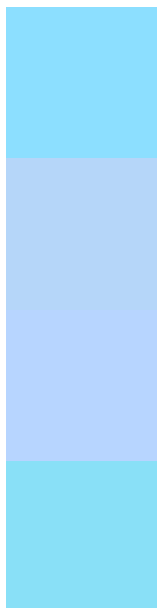
66.0950, 65.1110, 103.6919



Tritanopia

53.2562, 65.5557, 94.6406

Trichromacy



Original Color

55.2529, 65.5708, 104.3520

Protanomaly

60.2015, 64.7564, 98.9488

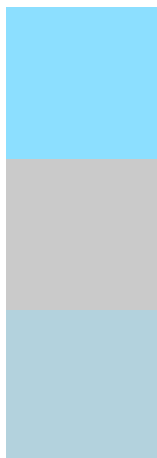
Deuteranomaly

61.3727, 64.8758, 103.8953

Tritanomaly

53.7607, 65.3451, 97.7751

Monochromacy



Original Color

55.2529, 65.5708, 104.3520

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 55.2529, 65.5708, 104.3520 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, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 223, 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, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.2529, 65.5708, 104.3520 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, 223, 255) }
```


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

```
.border{ border-color:rgb(140, 223, 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, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2529, 65.5708, 104.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 223, 255) }
```

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

```
.background{ background-color: rgb(140,  
223, 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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