

Converting Colors

XYZ(58.8472, 66.3016,
124.8291)

Have a look what the booklet for
XYZ(58.8472, 66.3016, 124.8291)
contains.

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Color

**XYZ(54.8910, 64.5956,
104.1829)**

Conversions

Conversions Part 1

Format	Color
Hex	8DDDFE
RGB	141, 221, 255
RGB Percent	55%, 87%, 100%
CMY	0.4470, 0.1333, 0.0000
CMYK	0.45, 0.13, 0.00, 0.00
HSL	198°, 100%, 78%
HSV	198°, 45%, 100%
XYZ	54.8910, 64.5956, 104.1829
YIQ	200.9560, -58.5940, -6.3860

Conversions

Conversions Part 2

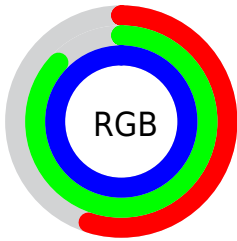
Format	Color
RYB	141, 188, 255
Decimal	9297407
CIELab	84.27, -15.84, -24.19
CIELCh	84, 28.916, 236.787
Yxy	64.5956, 0.2454, 0.2888
Android (android.graphics.Color)	4287487487 (0xFF8DDDDFF)
YUV	200.9560, 26.6437, -52.5814
Hunter-Lab	80.3714, -18.7403, -20.5958

Details

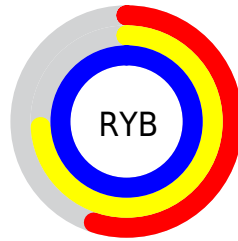
The XYZ color **54.8910, 64.5956, 104.1829** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **61.3785, 53.8440, 32.3594**, and the grayscale version is **55.3580, 58.2409, 63.4244**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **27.3965, 33.1887, 58.3882** is the 20% darker color. If you saturate the color by 10%, you get **49.0816, 58.6885, 103.3489**, and if you desaturate by 10%, it is **61.7931, 71.2039, 105.0946**.

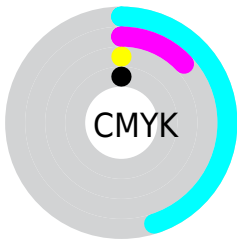
Distribution



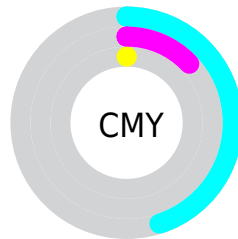
- Red (55%)
- Green (87%)
- Blue (100%)



- 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 54.8910, 64.5956, 104.1829 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 54.8910, 64.5956, 104.1829 by changing the saturation by 10% instead.

■ 54.8910, 64.5956,
104.1829

■ 54.8910, 64.5956,
104.1829

■ 395.6418,
441.3373, 594.8826

■ 39.5480, 47.1332,
79.1621

■ 96.5305, 111.4683,
168.9955

■ 27.3689, 33.1410,
58.5070

■ 123.5576,
141.6473, 209.6244

■ 17.9885, 22.2345,
41.7990

■ 155.2102,
176.8341, 256.2931

■ 11.0414, 14.0293,
28.6195

■ 191.8536,
217.4130, 309.4202

■ 6.1622, 8.1410,
18.5501

■ 233.8530,
263.7684, 369.4241

■ 2.9855, 4.1853,
11.1721

■ 281.5740,

■ 1.1461, 1.7778,

316.2846, 436.7235

6.0671

335.3818,
375.3461, 511.7368

■ 0.0632, 0.4733,
2.8165

■ 0.0000, 0.0000,
1.0017

■ 54.8910, 64.5956,
104.1829

■ 54.8910, 64.5956,
104.1829

■ 49.0816, 58.6885,
103.3489

■ 61.7931, 71.2039,
105.0946

■ 44.2887, 53.4374,
102.5879

■ 69.8465, 78.5409,
106.0864

■ 40.4347, 48.8017,
101.8963

■ 79.1117, 86.6412,
107.1615

■ 37.4272, 44.7319,
101.2692

■ 89.6435, 95.5345,
108.3230

■ 35.1528, 41.1679,
100.7012

95.0500, 100.0000,
108.9000

■ 34.1604, 39.4408,
100.4201

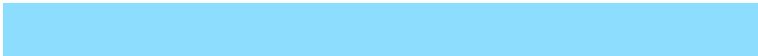
Harmonies

Analogous

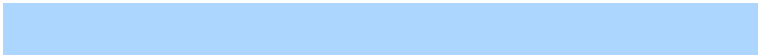
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.0401, 64.5956, 87.4671



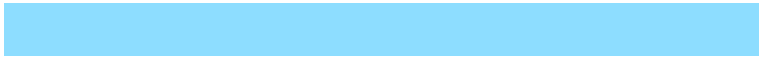
54.8910, 64.5956, 104.1829



60.7082, 64.5956, 111.7794

Triad

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



54.8910, 64.5956, 104.1829



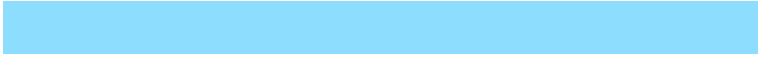
74.5391, 64.5956, 72.3300



56.0085, 64.5956, 43.3001

Complementary

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



54.8910, 64.5956, 104.1829



61.3785, 53.8440, 32.3594

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.



62.0893, 64.5956, 40.6553



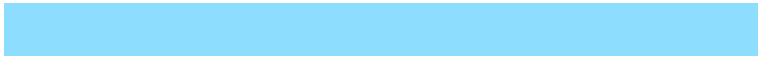
54.8910, 64.5956, 104.1829



73.0661, 64.5956, 55.5978

Square

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



54.8910, 64.5956, 104.1829



72.2933, 64.5956, 91.4886



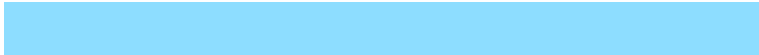
68.3960, 64.5956, 44.7472



51.6531, 64.5956, 52.7204

Rectangle

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



54.8910, 64.5956, 104.1829



65.0243, 64.5956, 109.8184



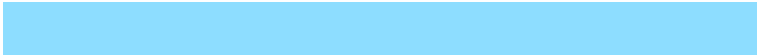
68.3960, 64.5956, 44.7472



57.9056, 64.5956, 41.6687

Sweetspot

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



54.8928, 64.5980, 104.1832



80.8151, 88.0996, 107.3532



54.3177, 80.2121, 52.3092



16.8269, 18.4535, 22.9250



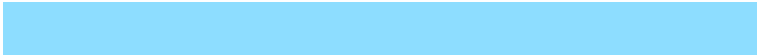
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



54.8928, 64.5980, 104.1832



49.4563, 59.0824, 103.4052



42.6180, 40.0483, 100.0916



18.0706, 19.5129, 23.0639



17.9862, 20.8819, 52.5172



1.8467, 2.2242, 5.1452

Inverse Universe

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



63.8173, 45.5320, 73.8341



59.7655, 38.9043, 67.9333



74.4288, 79.9447, 36.7095



18.5483, 18.2026, 21.5045



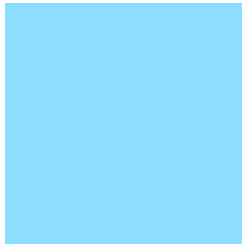
25.8668, 12.8360, 23.7468



2.5668, 1.2691, 2.5659

Previews

White Background



This preview shows how the XYZ color 54.8910, 64.5956, 104.1829 looks on a white background.

Color Contrast Check

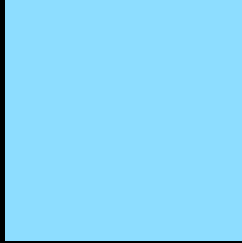
Large Text (above 18pt) WCAG AA × Fail

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 54.8910, 64.5956, 104.1829 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 54.8910, 64.5956, 104.1829

Background



This preview shows how black text looks on a background with the XYZ color 54.8910, 64.5956, 104.1829.

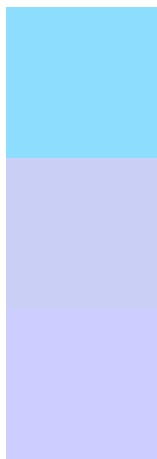


This preview shows how white text looks on a background with the XYZ color 54.8910, 64.5956,

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

54.8910, 64.5956, 104.1829

Protanopia

63.3045, 63.8360, 96.1739

Deuteranopia

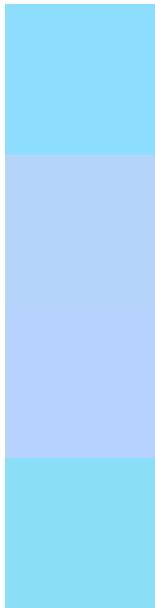
65.0582, 63.8618, 103.5054



Tritanopia

52.5814, 64.4446, 92.8868

Trichromacy



Original Color

54.8910, 64.5956, 104.1829

Protanomaly

59.4648, 63.6298, 98.7702

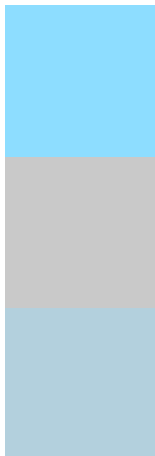
Deuteranomaly

60.6357, 63.7536, 103.7176

Tritanomaly

53.2371, 64.2996, 96.7940

Monochromacy



Original Color

54.8910, 64.5956, 104.1829

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.1974, 59.9159, 77.1150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8910, 64.5956, 104.1829 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, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 221, 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, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 221, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.8910, 64.5956, 104.1829 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, 221, 255) }
```


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

```
.border{ border-color:rgb(141, 221, 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, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 221,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8910, 64.5956, 104.1829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 221, 255) }
```

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

```
.background{ background-color: rgb(141,  
221, 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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