

Converting Colors

XYZ(59.0861, 66.3422,
137.8737)

Have a look what the booklet for
XYZ(59.0861, 66.3422, 137.8737)
contains.

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Color

**XYZ(52.7755, 63.8982,
104.1598)**

Conversions

Conversions Part 1

Format	Color
Hex	7EDEFB
RGB	126, 222, 255
RGB Percent	49%, 87%, 100%
CMY	0.5059, 0.1294, 0.0000
CMYK	0.51, 0.13, 0.00, 0.00
HSL	195°, 100%, 75%
HSV	195°, 51%, 100%
XYZ	52.7755, 63.8982, 104.1598
YIQ	197.0580, -67.8090, -10.0890

Conversions

Conversions Part 2

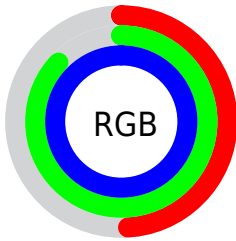
Format	Color
R _Y B	126, 181, 255
Decimal	8314623
CIE Lab	83.91, -19.70, -24.80
CIE LCh	84, 31.672, 231.545
Yxy	63.8982, 0.2390, 0.2894
Android (android.graphics.Color)	4286504703 (0xFF7EDEF)
YUV	197.0580, 28.5654, -62.3179
Hunter-Lab	79.9363, -22.0395, -21.3015

Details

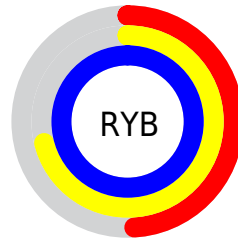
The XYZ color **52.7755, 63.8982, 104.1598** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **57.4049, 47.5637, 25.8959**, and the grayscale version is **52.9701, 55.7286, 60.6885**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **26.0617, 32.7714, 58.3780** is the 20% darker color. If you saturate the color by 10%, you get **47.7847, 58.8043, 103.4396**, and if you desaturate by 10%, it is **58.7951, 69.6247, 104.9478**.

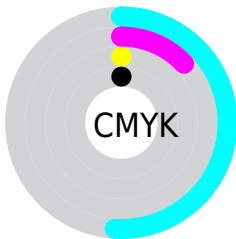
Distribution



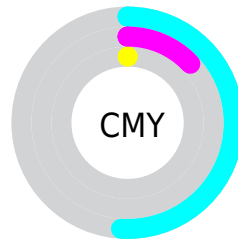
- Red (49%)
- Green (87%)
- Blue (100%)



- Red (49%)
- Yellow (71%)
- Blue (100%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7755, 63.8982, 104.1598 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 52.7755, 63.8982, 104.1598 by changing the saturation by 10% instead.

52.7755, 63.8982,
104.1598

52.7755, 63.8982,
104.1598

387.6982,
438.8219, 594.8088

37.8503, 46.5682,
79.1429

93.4414, 110.4643,
168.9636

26.0432, 32.6945,
58.4913

119.9129,
140.4692, 209.5876

16.9888, 21.8925,
41.7864

150.9638,
175.4680, 256.2510

10.3218, 13.7779,
28.6098

186.9596,
215.8448, 309.3725

5.6767, 7.9664,
18.5428

228.2656,
261.9843, 369.3704

2.6883, 4.0734,
11.1669

275.2471,

0.9912, 1.7147,

314.2707, 436.6634

6.0636

328.2695,
373.0884, 511.6701

■ 0.0000, 0.4332,
2.8144

■ 0.0000, 0.0000,
1.0007

■ 52.7755, 63.8982,
104.1598

■ 52.7755, 63.8982,
104.1598

■ 47.7847, 58.8043,
103.4396

■ 58.7951, 69.6247,
104.9478

■ 43.7422, 54.2963,
102.7825

■ 65.9053, 76.0127,
105.8061

■ 40.5639, 50.3311,
102.1847

■ 74.1692, 83.0971,
106.7380

■ 38.1469, 46.8545,
101.6410

■ 83.6435, 90.9082,
107.7463

■ 36.4140, 43.9479,
101.1713

94.3808, 99.4742,
108.8338

95.0500, 100.0000,
108.9000

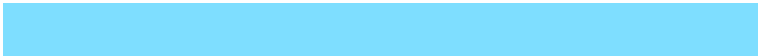
Harmonies

Analogous

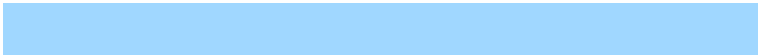
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.1032, 63.8982, 84.6395



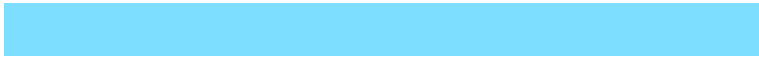
52.7755, 63.8982, 104.1598



58.7843, 63.8982, 114.8535

Triad

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



52.7755, 63.8982, 104.1598



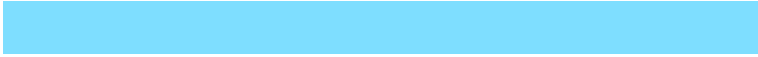
74.9746, 63.8982, 75.3707



55.9444, 63.8982, 39.6366

Complementary

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



52.7755, 63.8982, 104.1598



57.4049, 47.5637, 25.8959

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.



62.7249, 63.8982, 38.1009



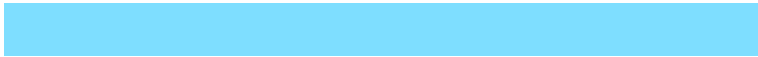
52.7755, 63.8982, 104.1598



74.0685, 63.8982, 56.4120

Square

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



52.7755, 63.8982, 104.1598



71.8422, 63.8982, 96.2726



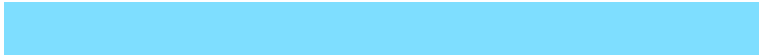
69.4534, 63.8982, 43.6421



50.8330, 63.8982, 48.3336

Rectangle

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



52.7755, 63.8982, 104.1598



63.4547, 63.8982, 114.3524



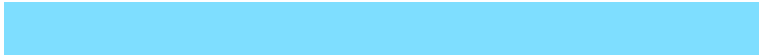
69.4534, 63.8982, 43.6421



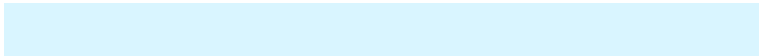
58.0909, 63.8982, 38.3419

Sweetspot

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



52.7773, 63.9005, 104.1601



79.3087, 87.3688, 107.2916



50.5586, 78.4335, 44.9373



16.5505, 18.3497, 22.9195



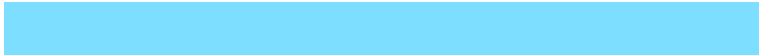
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.7773, 63.9005, 104.1601



47.5990, 58.6062, 103.4111



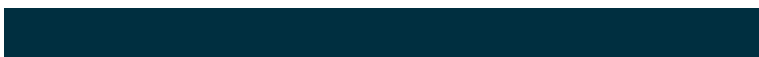
38.9254, 36.1968, 99.5428



18.1384, 19.6485, 23.0865



19.1535, 23.2165, 52.9063



1.9526, 2.4359, 5.1805

Inverse Universe

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



61.8869, 41.4574, 73.8500



58.0374, 35.1863, 68.1646



71.3276, 75.4092, 30.5368



18.5825, 18.2163, 21.6847



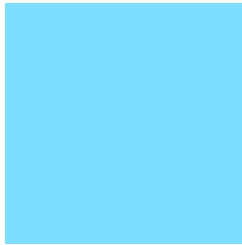
26.4560, 13.0717, 26.8494



2.6202, 1.2905, 2.8474

Previews

White Background



This preview shows how the XYZ color 52.7755, 63.8982, 104.1598 looks on a white background.

Color Contrast Check

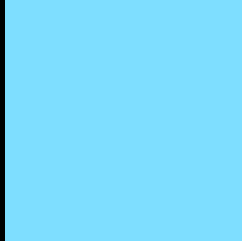
Large Text (above 18pt) WCAG AA × Fail

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 52.7755, 63.8982, 104.1598 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 52.7755, 63.8982, 104.1598

Background



This preview shows how black text looks on a background with the XYZ color 52.7755, 63.8982, 104.1598.

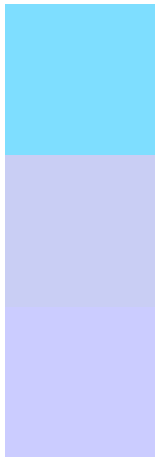


This preview shows how white text looks on a background with the XYZ color 52.7755, 63.8982,

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

52.7755, 63.8982, 104.1598

Protanopia

62.4878, 63.0918, 94.4724

Deuteranopia

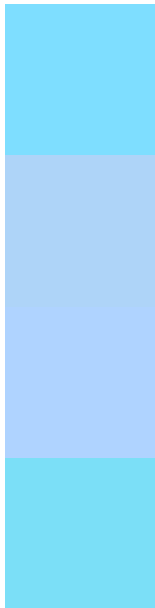
64.2715, 63.1022, 103.4002



Tritanopia

50.7087, 63.8597, 93.6579

Trichromacy



Original Color

52.7755, 63.8982, 104.1598

Protanomaly

57.9423, 62.8629, 97.8868

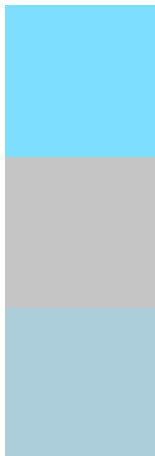
Deuteranomaly

59.0235, 62.9225, 103.6421

Tritanomaly

51.3446, 63.7017, 97.5852

Monochromacy



Original Color

52.7755, 63.8982, 104.1598

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.5208, 57.8625, 74.7828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7755, 63.8982, 104.1598 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(126, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(126, 222, 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(126, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.7755, 63.8982, 104.1598 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(126, 222, 255) }
```


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

```
.border{ border-color:rgb(126, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(126, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7755, 63.8982, 104.1598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 222, 255) }
```

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

```
.background{ background-color: rgb(126,  
222, 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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