

Converting Colors

XYZ(62.1825, 70.4165,
155.2051)

Have a look what the booklet for
XYZ(62.1825, 70.4165, 155.2051)
contains.

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Color

**XYZ(52.6249, 66.6381,
104.6966)**

Conversions

Conversions Part 1

Format	Color
Hex	6FE5FF
RGB	111, 229, 255
RGB Percent	44%, 90%, 100%
CMY	0.5647, 0.1019, 0.0000
CMYK	0.56, 0.10, 0.00, 0.00
HSL	191°, 100%, 72%
HSV	191°, 56%, 100%
XYZ	52.6249, 66.6381, 104.6966
YIQ	196.6820, -78.6740, -16.9300

Conversions

Conversions Part 2

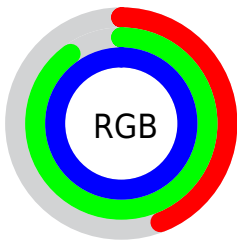
Format	Color
R_{YB}	111, 176, 255
Decimal	7333375
CIE _{Lab}	85.32, -26.16, -22.71
CIE _{LCh}	85, 34.642, 220.967
Yxy	66.6381, 0.2350, 0.2975
Android (android.graphics.Color)	4285523455 (0xFF6FE5FF)
YUV	196.6820, 28.7508, -75.1431
Hunter-Lab	81.6322, -27.7847, -18.8993

Details

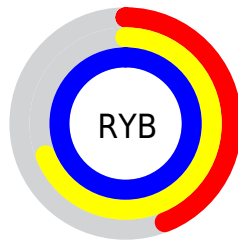
The XYZ color **52.6249, 66.6381, 104.6966** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **53.0559, 40.3004, 20.0236**, and the grayscale version is **52.7475, 55.4945, 60.4335**.

A 20% lighter version of the original color is **71.0436, 87.6242, 107.7765**, and **25.8642, 34.3394, 58.6911** is the 20% darker color. If you saturate the color by 10%, you get **48.6057, 62.7015, 104.1485**, and if you desaturate by 10%, it is **57.5971, 71.1191, 105.2994**.

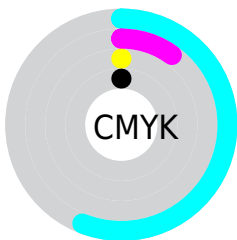
Distribution



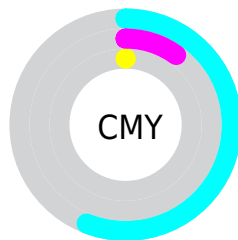
- Red (44%)
- Green (90%)
- Blue (100%)



- Red (44%)
- Yellow (69%)
- Blue (100%)



- Cyan (56%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6249, 66.6381, 104.6966 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 52.6249, 66.6381, 104.6966 by changing the saturation by 10% instead.

52.6249, 66.6381,
104.6966

52.6249, 66.6381,
104.6966

387.1288,
448.6555, 596.5225

37.7297, 48.7906,
79.5900

93.2210, 114.4017,
169.7045

25.9492, 34.4534,
58.8568

119.6525,
145.0866, 210.4429

16.9181, 23.2421,
42.0786

150.6603,
180.8193, 257.2289

10.2711, 14.7724,
28.8368

186.6095,
221.9844, 310.4811

5.6427, 8.6598,
18.7129

227.8656,
268.9661, 370.6180

2.6676, 4.5200,
11.2883

274.7940,

0.9805, 1.9685,

322.1490, 438.0582

6.1445

327.7599,
381.9173, 513.2202

■ 0.0000, 0.5891,
2.8629

■ 0.0000, 0.0000,
1.0251

■ 52.6249, 66.6381,
104.6966

■ 52.6249, 66.6381,
104.6966

■ 48.6057, 62.7015,
104.1485

■ 57.5971, 71.1191,
105.2994

■ 45.4536, 59.2601,
103.6504

■ 63.5879, 76.1742,
105.9594

■ 43.0759, 56.2675,
103.1981

■ 70.6632, 81.8393,
106.6800

■ 41.3548, 53.6623,
102.7860

■ 78.8817, 88.1452,
107.4639

■ 40.8411, 52.8022,
102.6470

■ 88.2981, 95.1201,
108.3139

95.0500, 100.0000,
108.9000

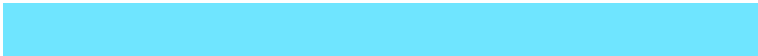
Harmonies

Analogous

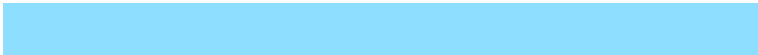
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.6631, 66.6381, 81.0833



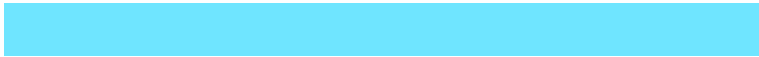
52.6249, 66.6381, 104.6966



58.5484, 66.6381, 121.4903

Triad

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



52.6249, 66.6381, 104.6966



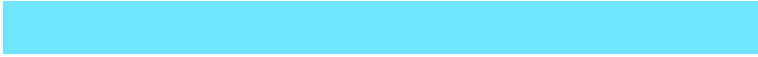
78.6807, 66.6381, 87.5640



60.5132, 66.6381, 37.8954

Complementary

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



52.6249, 66.6381, 104.6966



53.0559, 40.3004, 20.0236

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.



68.3809, 66.6381, 38.9237



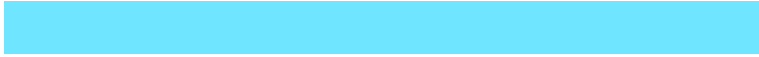
52.6249, 66.6381, 104.6966



79.3164, 66.6381, 64.6514

Square

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



52.6249, 66.6381, 104.6966



73.7419, 66.6381, 110.2748



75.4134, 66.6381, 47.7773



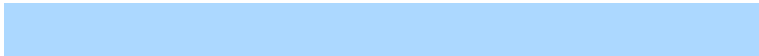
53.9609, 66.6381, 44.6010

Rectangle

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



52.6249, 66.6381, 104.6966



63.5923, 66.6381, 124.8394



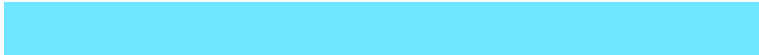
75.4134, 66.6381, 47.7773



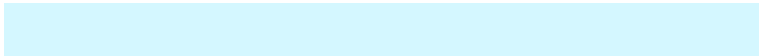
63.0834, 66.6381, 37.3904

Sweetspot

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



52.6268, 66.6405, 104.6969



78.4144, 87.7928, 107.4206



46.6901, 76.6495, 35.2580



16.4130, 18.5103, 22.9577



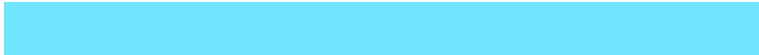
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.6268, 66.6405, 104.6969



48.0685, 62.1430, 104.0691



37.0055, 35.3981, 99.4898



18.2596, 19.8907, 23.1269



21.4414, 27.7924, 53.6690



2.1571, 2.8448, 5.2487

Inverse Universe

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



61.0686, 38.2879, 78.3028



57.6403, 32.5997, 73.5580



66.4231, 67.0348, 24.4793



18.6437, 18.2408, 22.0066



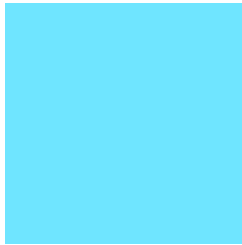
27.6108, 13.5336, 32.9307



2.7234, 1.3317, 3.3908

Previews

White Background



This preview shows how the XYZ color 52.6249, 66.6381, 104.6966 looks on a white background.

Color Contrast Check

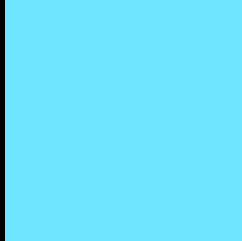
Large Text (above 18pt) WCAG AA × Fail

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 52.6249, 66.6381, 104.6966 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 52.6249, 66.6381, 104.6966

Background



This preview shows how black text looks on a background with the XYZ color 52.6249, 66.6381, 104.6966.

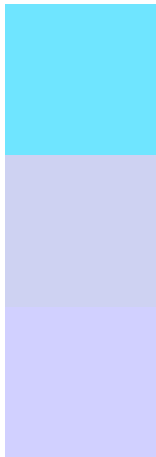


This preview shows how white text looks on a background with the XYZ color 52.6249, 66.6381,

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

52.6249, 66.6381, 104.6966

Protanopia

64.5272, 65.6258, 93.2705

Deuteranopia

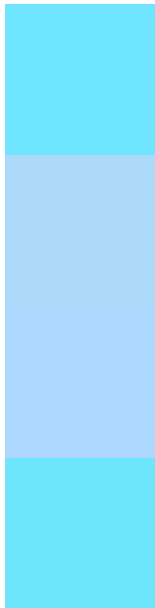
66.9004, 65.8871, 103.7992



Tritanopia

51.5800, 66.6213, 99.7632

Trichromacy



Original Color

52.6249, 66.6381, 104.6966

Protanomaly

58.3959, 64.9990, 97.4640

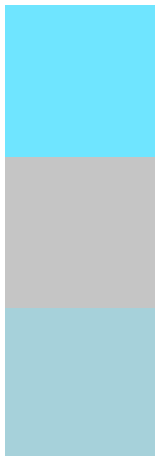
Deuteranomaly

59.8394, 65.2160, 104.0418

Tritanomaly

52.0161, 66.8099, 101.4208

Monochromacy



Original Color

52.6249, 66.6381, 104.6966

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.1812, 58.7699, 74.9758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6249, 66.6381, 104.6966 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(111, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 229, 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(111, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.6249, 66.6381, 104.6966 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(111, 229, 255) }
```


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

```
.border{ border-color:rgb(111, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 229, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 229, 255); box-shadow:4px 4px 4px 4px rgb(111, 229, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6249, 66.6381, 104.6966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 229, 255) }
```

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

```
.background{ background-color: rgb(111,  
229, 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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