

Converting Colors

XYZ(52.5868, 63.4211,
104.0776)

Have a look what the booklet for
XYZ(52.5868, 63.4211, 104.0776)
contains.

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Color

**XYZ(52.5106, 63.3685,
104.0715)**

Conversions

Conversions Part 1

Format	Color
Hex	7EDDFF
RGB	126, 221, 255
RGB Percent	49%, 87%, 100%
CMY	0.5059, 0.1333, 0.0000
CMYK	0.51, 0.13, 0.00, 0.00
HSL	196°, 100%, 75%
HSV	196°, 51%, 100%
XYZ	52.5106, 63.3685, 104.0715
YIQ	196.4710, -67.5340, -9.5660

Conversions

Conversions Part 2

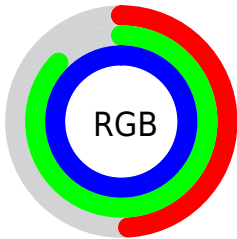
Format	Color
RYB	126, 181, 255
Decimal	8314367
CIELab	83.64, -19.19, -25.22
CIELCh	84, 31.695, 232.733
Yxy	63.3685, 0.2387, 0.2881
Android (android.graphics.Color)	4286504447 (0xFF7EDDFF)
YUV	196.4710, 28.8548, -61.8031
Hunter-Lab	79.6043, -21.5610, -21.7903

Details

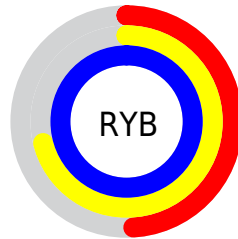
The XYZ color **52.5106, 63.3685, 104.0715** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **57.5775, 47.9089, 25.9533**, and the grayscale version is **52.6150, 55.3550, 60.2816**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **25.8792, 32.4064, 58.3172** is the 20% darker color. If you saturate the color by 10%, you get **47.4799, 58.1947, 103.3380**, and if you desaturate by 10%, it is **58.5741, 69.1829, 104.8742**.

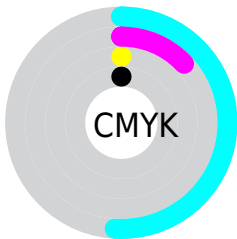
Distribution



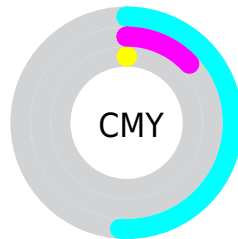
- Red (49%)
- Green (87%)
- Blue (100%)



- 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 52.5106, 63.3685, 104.0715 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 52.5106, 63.3685, 104.0715 by changing the saturation by 10% instead.

■ 52.5106, 63.3685,
104.0715

■ 52.5106, 63.3685,
104.0715

386.6963,
436.9056, 594.5267

■ 37.6381, 46.1394,
79.0694

■ 93.0536, 109.7010,
168.8417

■ 25.8779, 32.3558,
58.4312

■ 119.4549,
139.5731, 209.4468

■ 16.8645, 21.6334,
41.7384

■ 150.4298,
174.4284, 256.0901

■ 10.2326, 13.5878,
28.5725

186.3437,
214.6512, 309.1900

■ 5.6169, 7.8345,
18.5149

227.5619,
260.6259, 369.1650

■ 2.6520, 3.9893,
11.1470

274.4499,

■ 0.9725, 1.6676,

312.7370, 436.4338

6.0504

327.3729,
371.3687, 511.4149

■ 0.0000, 0.4025,
2.8065

■ 0.0000, 0.0000,
0.9967

■ 52.5106, 63.3685,
104.0715

■ 52.5106, 63.3685,
104.0715

■ 47.4799, 58.1947,
103.3380

■ 58.5741, 69.1829,
104.8742

■ 43.4014, 53.6147,
102.6689

■ 65.7323, 75.6669,
105.7484

■ 40.1909, 49.5852,
102.0604

■ 74.0484, 82.8556,
106.6977

■ 37.7456, 46.0519,
101.5072

■ 83.5790, 90.7794,
107.7248

■ 35.9894, 43.0987,
101.0298

94.3769, 99.4667,
108.8325

95.0500, 100.0000,
108.9000

Harmonies

Analogous

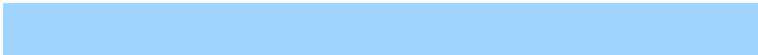
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.7489, 63.3685, 84.8331



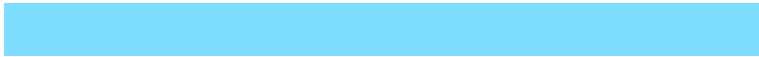
52.5106, 63.3685, 104.0715



58.5588, 63.3685, 114.2378

Triad

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



52.5106, 63.3685, 104.0715



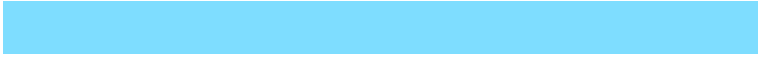
74.4498, 63.3685, 73.9419



55.2222, 63.3685, 39.4278

Complementary

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



52.5106, 63.3685, 104.0715



57.5775, 47.9089, 25.9533

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.



61.9324, 63.3685, 37.6243



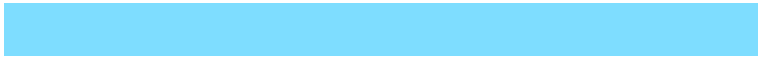
52.5106, 63.3685, 104.0715



73.3851, 63.3685, 55.2664

Square

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



52.5106, 63.3685, 104.0715



71.4777, 63.3685, 94.8028



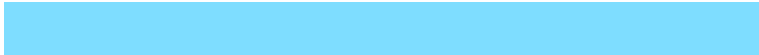
68.6708, 63.3685, 42.8488



50.2286, 63.3685, 48.3595

Rectangle

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



52.5106, 63.3685, 104.0715



63.2171, 63.3685, 113.3549



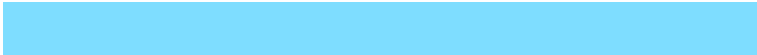
68.6708, 63.3685, 42.8488



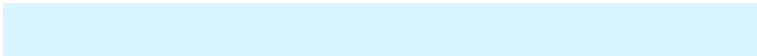
57.3382, 63.3685, 38.0480

Sweetspot

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



52.5124, 63.3708, 104.0718



79.2190, 87.1894, 107.2617



50.5585, 78.4334, 44.9371



16.5288, 18.3062, 22.9122



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.



52.5124, 63.3708, 104.0718



47.2926, 57.9936, 103.3090



38.9253, 36.1966, 99.5428



18.1260, 19.6236, 23.0823



18.9337, 22.7770, 52.8331



1.9328, 2.3963, 5.1739

Inverse Universe

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



61.7532, 41.4038, 73.1460



57.8828, 35.1245, 67.3504



71.3276, 75.4091, 30.5367



18.5763, 18.2138, 21.6517



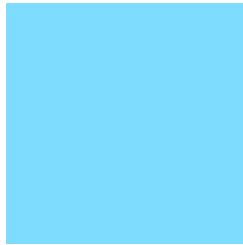
26.3450, 13.0273, 26.2652



2.6102, 1.2864, 2.7946

Previews

White Background



This preview shows how the XYZ color 52.5106, 63.3685, 104.0715 looks on a white background.

Color Contrast Check

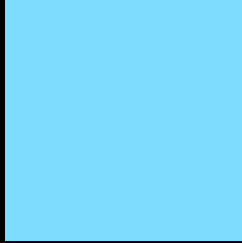
Large Text (above 18pt) WCAG AA × Fail

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 52.5106, 63.3685, 104.0715 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

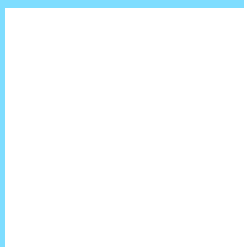
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5106, 63.3685, 104.0715

Background



This preview shows how black text looks on a background with the XYZ color 52.5106, 63.3685, 104.0715.

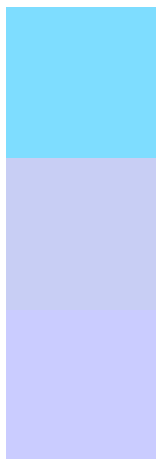


This preview shows how white text looks on a background with the XYZ color 52.5106, 63.3685,

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

52.5106, 63.3685, 104.0715

Protanopia

62.2199, 62.9536, 94.4599

Deuteranopia

64.0000, 62.9623, 103.3875



Tritanopia

50.1500, 63.1912, 92.7730

Trichromacy



Original Color

52.5106, 63.3685, 104.0715

Protanomaly

57.4711, 62.2501, 97.7934

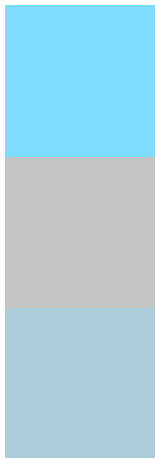
Deuteranomaly

58.5522, 62.3119, 103.5491

Tritanomaly

50.9242, 63.1073, 96.6857

Monochromacy



Original Color

52.5106, 63.3685, 104.0715

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.1503, 57.3303, 74.0156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5106, 63.3685, 104.0715 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, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(126, 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(126, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 221, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.5106, 63.3685, 104.0715 is called "border". The border property can be set on classes, ids or directly on the HTML element.

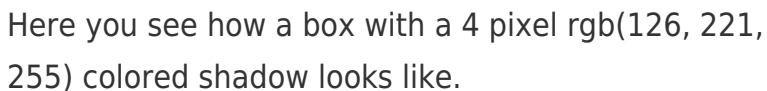
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 221, 255) }
```


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

```
.border{ border-color:rgb(126, 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(126, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 221, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 221, 255); box-shadow:4px 4px 4px 4px rgb(126, 221, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5106, 63.3685, 104.0715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 221, 255) }
```

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

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