

Converting Colors

XYZ(58.2844, 64.2338,
138.8176)

Have a look what the booklet for
XYZ(58.2844, 64.2338, 138.8176)
contains.

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Color

**XYZ(51.7256, 61.7984,
103.8098)**

Conversions

Conversions Part 1

Format	Color
Hex	7EDAFF
RGB	126, 218, 255
RGB Percent	49%, 85%, 100%
CMY	0.5059, 0.1451, 0.0000
CMYK	0.51, 0.15, 0.00, 0.00
HSL	197°, 100%, 75%
HSV	197°, 51%, 100%
XYZ	51.7256, 61.7984, 103.8098
YIQ	194.7100, -66.7090, -7.9970

Conversions

Conversions Part 2

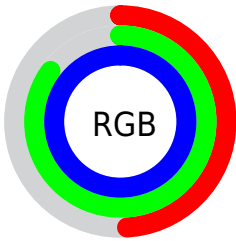
Format	Color
R _Y B	126, 180, 255
Decimal	8313599
CIE Lab	82.81, -17.67, -26.49
CIE LCh	83, 31.842, 236.294
Yxy	61.7984, 0.2380, 0.2843
Android (android.graphics.Color)	4286503679 (0xFF7EDAFF)
YUV	194.7100, 29.7230, -60.2587
Hunter-Lab	78.6120, -20.1204, -23.2661

Details

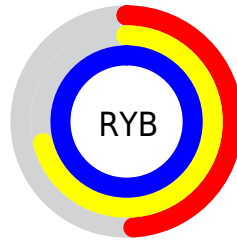
The XYZ color **51.7256, 61.7984, 103.8098** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **58.1040, 48.9619, 26.1290**, and the grayscale version is **51.5583, 54.2433, 59.0710**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **25.3401, 31.3284, 58.1375** is the 20% darker color. If you saturate the color by 10%, you get **46.5789, 56.3928, 103.0377**, and if you desaturate by 10%, it is **57.9177, 67.8698, 104.6553**.

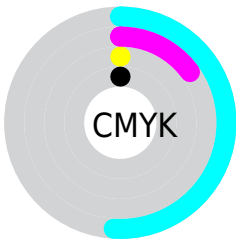
Distribution



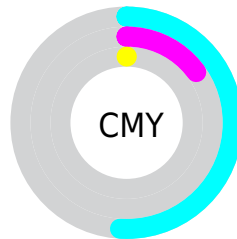
- Red (49%)
- Green (85%)
- Blue (100%)



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



- Cyan (51%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7256, 61.7984, 103.8098 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 51.7256, 61.7984, 103.8098 by changing the saturation by 10% instead.

51.7256, 61.7984,
103.8098

51.7256, 61.7984,
103.8098

383.7177,
431.1953, 593.6901

37.0098, 44.8698,
78.8515

91.9031, 107.4341,
168.4803

25.3888, 31.3549,
58.2531

118.0954,
136.9100, 209.0296

16.4972, 20.8692,
41.5961

148.8440,
171.3372, 255.6130

9.9697, 13.0285,
28.4620

184.5142,
211.1000, 308.6490

5.4410, 7.4481,
18.4321

225.4713,
256.5828, 368.5562

2.5457, 3.7439,
11.0880

272.0806,

0.9183, 1.5314,

308.1700, 435.7531

6.0112

324.7077,
366.2461, 510.6582

■ 0.0000, 0.3107,
2.7830

■ 0.0000, 0.0000,
0.9849

■ 51.7256, 61.7984,
103.8098

■ 51.7256, 61.7984,
103.8098

■ 46.5789, 56.3928,
103.0377

■ 57.9177, 67.8698,
104.6553

■ 42.3970, 51.6058,
102.3341

■ 65.2173, 74.6368,
105.5768

■ 39.0952, 47.3936,
101.6951

■ 73.6880, 82.1347,
106.5775

■ 36.5704, 43.7015,
101.1155

■ 83.3866, 90.3944,
107.6607

■ 34.7500, 40.6200,
100.6167

94.3660, 99.4447,
108.8289

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.



47.7001, 61.7984, 85.4239



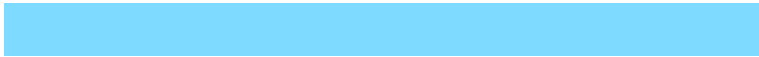
51.7256, 61.7984, 103.8098



57.8900, 61.7984, 112.3998

Triad

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



51.7256, 61.7984, 103.8098



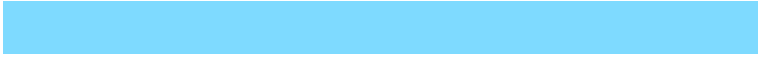
72.8899, 61.7984, 69.7566



53.0927, 61.7984, 38.8126

Complementary

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



51.7256, 61.7984, 103.8098



58.1040, 48.9619, 26.1290

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.



59.5933, 61.7984, 36.2221



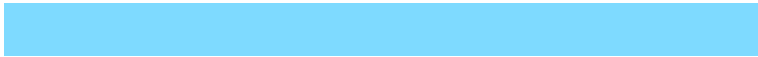
51.7256, 61.7984, 103.8098



71.3584, 61.7984, 51.9198

Square

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



51.7256, 61.7984, 103.8098



70.3932, 61.7984, 90.4732



66.3561, 61.7984, 40.5274



48.4452, 61.7984, 48.4463

Rectangle

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



51.7256, 61.7984, 103.8098



62.5119, 61.7984, 110.3895



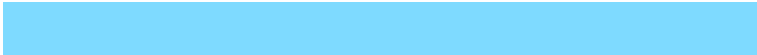
66.3561, 61.7984, 40.5274



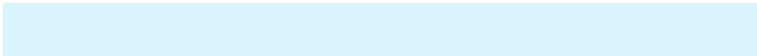
55.1182, 61.7984, 37.1810

Sweetspot

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



51.7274, 61.8006, 103.8101



78.9506, 86.6526, 107.1722



50.9361, 78.5845, 46.9251



16.4638, 18.1762, 22.8906



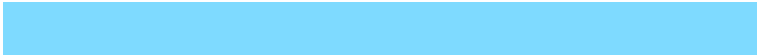
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



51.7274, 61.8006, 103.8101



46.3871, 56.1825, 103.0072



38.2033, 34.7524, 99.3021



18.0889, 19.5493, 23.0700



18.2918, 21.4931, 52.6191



1.8746, 2.2798, 5.1545

Inverse Universe

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



61.3570, 41.2454, 71.0593



57.4257, 34.9416, 64.9434



72.4894, 77.7328, 30.9241



18.5575, 18.2063, 21.5529



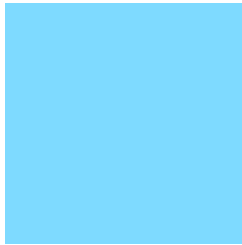
26.0210, 12.8977, 24.5590



2.5808, 1.2747, 2.6399

Previews

White Background



This preview shows how the XYZ color 51.7256, 61.7984, 103.8098 looks on a white background.

Color Contrast Check

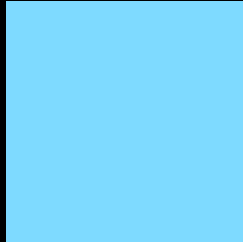
Large Text (above 18pt) WCAG AA × Fail

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 51.7256, 61.7984, 103.8098 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

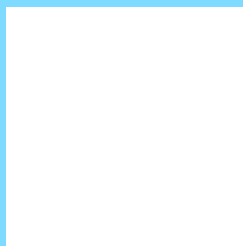
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.7256, 61.7984, 103.8098

Background



This preview shows how black text looks on a background with the XYZ color 51.7256, 61.7984, 103.8098.

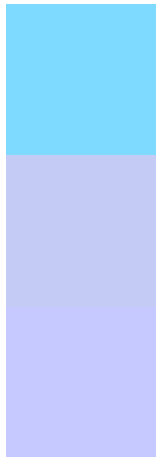


This preview shows how white text looks on a background with the XYZ color 51.7256, 61.7984,

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

51.7256, 61.7984, 103.8098

Protanopia

60.6023, 61.0402, 94.9741

Deuteranopia

62.2253, 60.9991, 103.1021



Tritanopia

49.1822, 61.9380, 91.0244

Trichromacy



Original Color

51.7256, 61.7984, 103.8098

Protanomaly

56.4493, 60.6092, 98.3461

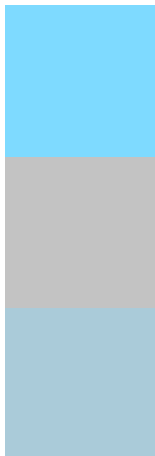
Deuteranomaly

57.3761, 60.6163, 103.2838

Tritanomaly

50.1007, 61.9165, 95.6967

Monochromacy



Original Color

51.7256, 61.7984, 103.8098

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.4579, 56.2677, 73.8470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7256, 61.7984, 103.8098 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, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(126, 218, 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, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 218, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.7256, 61.7984, 103.8098 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, 218, 255) }
```


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

```
.border{ border-color:rgb(126, 218, 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, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(126, 218,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7256, 61.7984, 103.8098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 218, 255) }
```

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

```
.background{ background-color: rgb(126,  
218, 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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