

Converting Colors

XYZ(56.7827, 74.7659,
106.0462)

Have a look what the booklet for
XYZ(56.7827, 74.7659, 106.0462)
contains.

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Color

**XYZ(56.7827, 74.7659,
106.0462)**

Conversions

Conversions Part 1

Format	Color
Hex	70F3FF
RGB	112, 243, 255
RGB Percent	44%, 95%, 100%
CMY	0.5608, 0.0470, 0.0000
CMYK	0.56, 0.05, 0.00, 0.00
HSL	185°, 100%, 72%
HSV	185°, 56%, 100%
XYZ	56.7827, 74.7659, 106.0462
YIQ	205.1990, -81.9280, -24.0400

Conversions

Conversions Part 2

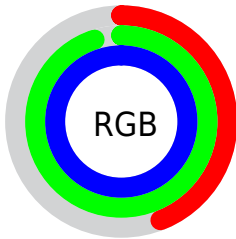
Format	Color
RYB	112, 180, 255
Decimal	7402495
CIELab	89.28, -32.70, -16.72
CIELCh	89, 36.726, 207.091
Yxy	74.7659, 0.2390, 0.3147
Android (android.graphics.Color)	4285592575 (0xFF70F3FF)
YUV	205.1990, 24.5519, -81.7355
Hunter-Lab	86.4673, -34.0975, -12.1880

Details

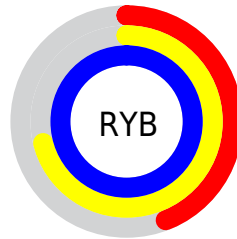
The XYZ color **56.7827, 74.7659, 106.0462** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **51.3732, 36.8463, 19.7358**, and the grayscale version is **58.0431, 61.0659, 66.5008**.

A 20% lighter version of the original color is **71.2656, 87.7387, 107.7869**, and **28.4451, 39.5524, 59.5612** is the 20% darker color. If you saturate the color by 10%, you get **53.3498, 72.0529, 105.7035**, and if you desaturate by 10%, it is **61.1456, 77.9727, 106.4353**.

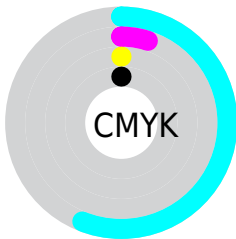
Distribution



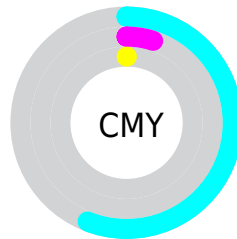
- Red (44%)
- Green (95%)
- Blue (100%)



- Red (44%)
- Yellow (71%)
- Blue (100%)



- Cyan (56%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7827, 74.7659, 106.0462 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 56.7827, 74.7659, 106.0462 by changing the saturation by 10% instead.

56.7827, 74.7659,
106.0462

56.7827, 74.7659,
106.0462

402.6619,
477.1126, 600.8197

41.0703, 55.4211,
80.7146

99.2812, 125.9809,
171.5656

28.5619, 39.7390,
59.7769

126.7981,
158.6200, 212.5905

18.8923, 27.3351,
42.8147

158.9804,
196.4592, 259.6835

11.6960, 17.8251,
29.4095

196.1935,
239.8831, 313.2632

6.6078, 10.8245,
19.1425

238.8029,
289.2760, 373.7481

3.2622, 5.9489,
11.5955

287.1739,

1.2939, 2.8140,

345.0222, 441.5568

6.3497

341.6718,
407.5063, 517.1078

■ 0.1786, 1.0354,
2.9866

■ 0.0000, 0.0000,
1.0878

■ 56.7827, 74.7659,
106.0462

■ 56.7827, 74.7659,
106.0462

■ 53.3498, 72.0529,
105.7035

■ 61.1456, 77.9727,
106.4353

■ 50.7610, 69.7845,
105.4021

■ 66.5030, 81.7017,
106.8727

■ 48.9249, 67.9150,
105.1380

■ 72.9204, 85.9882,
107.3618

■ 47.7254, 66.3848,
104.9059

■ 80.4564, 90.8626,
107.9055

■ 47.3610, 65.8420,
104.8203

■ 89.1649, 96.3527,
108.5062

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.



55.1871, 74.7659, 78.9251



56.7827, 74.7659, 106.0462



62.0951, 74.7659, 130.3347

Triad

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



56.7827, 74.7659, 106.0462



86.5536, 74.7659, 111.3123



71.9421, 74.7659, 41.3593

Complementary

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



56.7827, 74.7659, 106.0462



51.3732, 36.8463, 19.7358

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.



80.8547, 74.7659, 46.5720



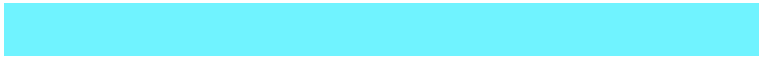
56.7827, 74.7659, 106.0462



89.7237, 74.7659, 83.9411

Square

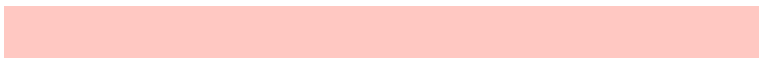
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.7827, 74.7659, 106.0462



79.2129, 74.7659, 133.7972



87.5562, 74.7659, 60.9150



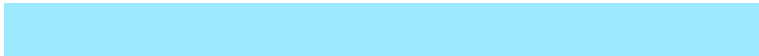
63.4917, 74.7659, 44.8650

Rectangle

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



56.7827, 74.7659, 106.0462



67.2775, 74.7659, 139.6923



87.5562, 74.7659, 60.9150



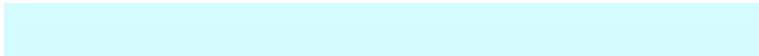
74.9874, 74.7659, 42.1185

Sweetspot

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



56.7847, 74.7686, 106.0467



79.7113, 90.3866, 107.8529



46.0763, 76.4185, 31.3652



16.7223, 19.1289, 23.0608



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.



56.7847, 74.7686, 106.0467



53.0763, 71.8251, 105.6740



39.4072, 40.0136, 100.2542



18.4168, 20.2053, 23.1793



24.8014, 34.5125, 54.7890



2.4517, 3.4341, 5.3469

Inverse Universe

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



63.2132, 39.3213, 89.0550



60.2494, 33.9549, 86.3367



63.7743, 61.6486, 23.8695



18.7231, 18.2725, 22.4247



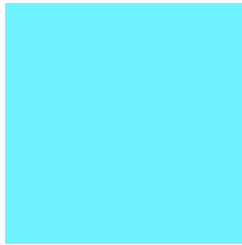
29.3068, 14.2120, 41.8617



2.8721, 1.3912, 4.1739

Previews

White Background



This preview shows how the XYZ color 56.7827, 74.7659, 106.0462 looks on a white background.

Color Contrast Check

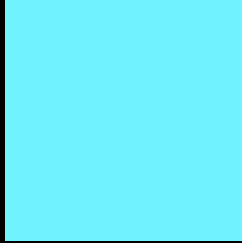
Large Text (above 18pt) WCAG AA × Fail

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 56.7827, 74.7659, 106.0462 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 56.7827, 74.7659, 106.0462

Background



This preview shows how black text looks on a background with the XYZ color 56.7827, 74.7659, 106.0462.

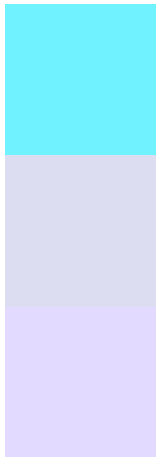


This preview shows how white text looks on a background with the XYZ color 56.7827, 74.7659,

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

56.7827, 74.7659, 106.0462

Protanopia

71.5524, 73.4359, 93.6224

Deuteranopia

74.4854, 73.5316, 104.8749



Tritanopia

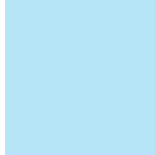
60.0718, 74.7038, 105.8609

Trichromacy



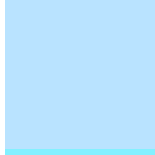
Original Color

56.7827, 74.7659, 106.0462



Protanomaly

63.7099, 72.5162, 97.8279



Deuteranomaly

65.5267, 72.4725, 105.1427



Tritanomaly

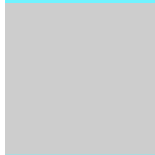
58.5702, 74.3655, 105.8747

Monochromacy



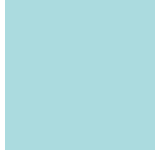
Original Color

56.7827, 74.7659, 106.0462



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

55.4454, 64.6487, 79.3682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7827, 74.7659, 106.0462 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(112, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 243, 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(112, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.7827, 74.7659, 106.0462 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(112, 243, 255) }
```


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

```
.border{ border-color:rgb(112, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(112, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7827, 74.7659, 106.0462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 243, 255) }
```

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

```
.background{ background-color: rgb(112,  
243, 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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