

Converting Colors

XYZ(56.8101, 73.4819,
105.7288)

Have a look what the booklet for
XYZ(56.8101, 73.4819, 105.7288)
contains.

XYZ(56.8178, 73.4621, 105.7927)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.8178, 73.4621,
105.7927)**

Conversions

Conversions Part 1

Format	Color
Hex	77F0FF
RGB	119, 240, 255
RGB Percent	47%, 94%, 100%
CMY	0.5333, 0.0588, 0.0000
CMYK	0.53, 0.06, 0.00, 0.00
HSL	187°, 100%, 73%
HSV	187°, 53%, 100%
XYZ	56.8178, 73.4621, 105.7927
YIQ	205.5310, -76.9310, -20.9870

Conversions

Conversions Part 2

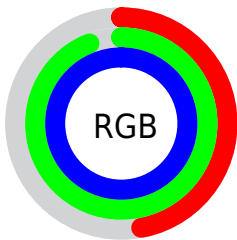
Format	Color
RYB	119, 183, 255
Decimal	7860479
CIELab	88.67, -29.96, -17.63
CIElCh	89, 34.758, 210.475
Yxy	73.4621, 0.2407, 0.3112
Android (android.graphics.Color)	4286050559 (0xFF77F0FF)
YUV	205.5310, 24.3882, -75.8877
Hunter-Lab	85.7100, -31.6636, -13.1852

Details

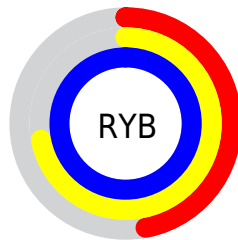
The XYZ color **56.8178, 73.4621, 105.7927** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.0956, 39.6429, 22.3081**, and the grayscale version is **58.2530, 61.2867, 66.7412**.

A 20% lighter version of the original color is **72.6324, 88.4433, 107.8509**, and **28.6489, 39.0363, 59.4509** is the 20% darker color. If you saturate the color by 10%, you get **52.9554, 70.2532, 105.3769**, and if you desaturate by 10%, it is **61.6357, 77.1859, 106.2576**.

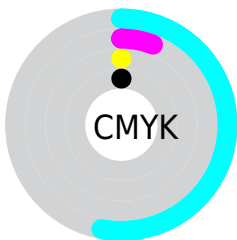
Distribution



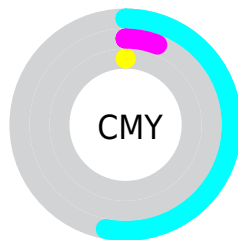
- Red (47%)
- Green (94%)
- Blue (100%)



- Red (47%)
- Yellow (72%)
- Blue (100%)



- Cyan (53%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8178, 73.4621, 105.7927 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 56.8178, 73.4621, 105.7927 by changing the saturation by 10% instead.

56.8178, 73.4621,
105.7927

56.8178, 73.4621,
105.7927

402.7915,
472.6148, 600.0138

41.0985, 54.3539,
80.5033

99.3322, 124.1330,
171.2162

28.5841, 38.8847,
59.6040

126.8580,
156.4645, 212.1874

18.9091, 26.6700,
42.6763

159.0501,
193.9725, 259.2228

11.7082, 17.3256,
29.3017

196.2738,
237.0415, 312.7411

6.6161, 10.4669,
19.0616

238.8944,
286.0558, 373.1609

3.2674, 5.7096,
11.5376

287.2773,

1.2967, 2.6693,

341.3999, 440.9005

6.3109

341.7879,
403.4581, 516.3787

■ 0.1807, 0.9616,
2.9632

■ 0.0000, 0.0000,
1.0759

■ 56.8178, 73.4621,
105.7927

■ 56.8178, 73.4621,
105.7927

■ 52.9554, 70.2532,
105.3769

■ 61.6357, 77.1859,
106.2576

■ 49.9654, 67.5114,
105.0053

■ 67.4715, 81.4520,
106.7734

■ 47.7609, 65.1933,
104.6741

■ 74.3894, 86.2951,
107.3436

■ 46.2332, 63.2430,
104.3781

■ 82.4465, 91.7447,
107.9708

■ 45.4865, 62.0930,
104.1955

■ 91.6958, 97.8284,
108.6576

95.0500, 100.0000,
108.9000

Harmonies

Analogous

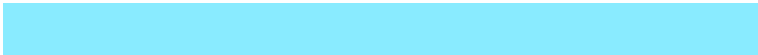
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.8971, 73.4621, 80.3716



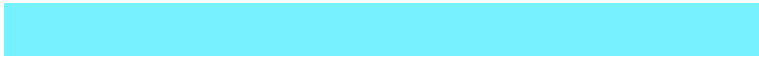
56.8178, 73.4621, 105.7927



62.1687, 73.4621, 127.3216

Triad

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



56.8178, 73.4621, 105.7927



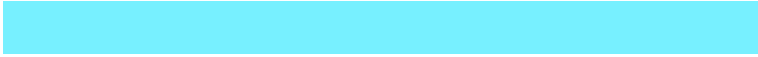
84.8286, 73.4621, 104.9949



69.6898, 73.4621, 42.1004

Complementary

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



56.8178, 73.4621, 105.7927



53.0956, 39.6429, 22.3081

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.



78.0823, 73.4621, 46.1344



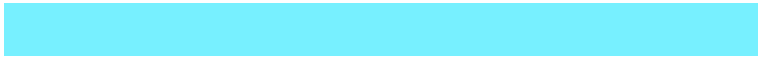
56.8178, 73.4621, 105.7927



87.2365, 73.4621, 79.6051

Square

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



56.8178, 73.4621, 105.7927



78.3323, 73.4621, 126.7999



84.6763, 73.4621, 58.7623



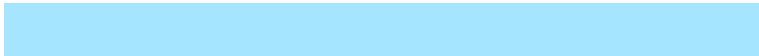
61.9544, 73.4621, 46.4004

Rectangle

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



56.8178, 73.4621, 105.7927



67.1869, 73.4621, 134.7762



84.6763, 73.4621, 58.7623



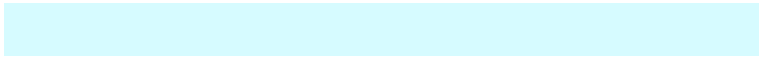
72.5282, 73.4621, 42.5161

Sweetspot

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



56.8198, 73.4648, 105.7931



80.1814, 90.2292, 107.7977



47.5750, 77.1250, 34.4269



16.8005, 19.0691, 23.0452



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.



56.8198, 73.4648, 105.7931



52.7289, 70.0556, 105.3507



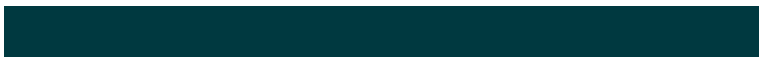
40.6797, 41.1846, 100.4131



18.3737, 20.1191, 23.1649



23.8364, 32.5823, 54.4673



2.3676, 3.2660, 5.3189

Inverse Universe

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



63.5663, 40.7466, 86.9556



60.3364, 34.9943, 83.6981



65.3642, 64.1803, 26.3977



18.7013, 18.2638, 22.3101



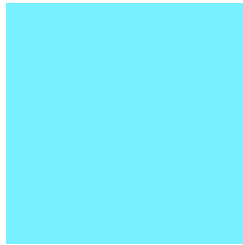
28.8197, 14.0172, 39.2965



2.8297, 1.3742, 3.9505

Previews

White Background



This preview shows how the XYZ color 56.8178, 73.4621, 105.7927 looks on a white background.

Color Contrast Check

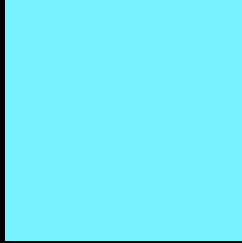
Large Text (above 18pt) WCAG AA × Fail

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 56.8178, 73.4621, 105.7927 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 56.8178, 73.4621, 105.7927

Background



This preview shows how black text looks on a background with the XYZ color 56.8178, 73.4621, 105.7927.

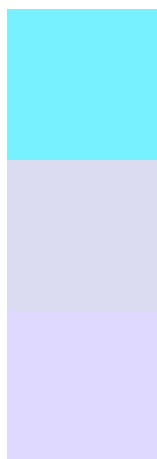


This preview shows how white text looks on a background with the XYZ color 56.8178, 73.4621, 105.7927.

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

56.8178, 73.4621, 105.7927

Protanopia

70.8336, 72.6573, 94.2953

Deuteranopia

73.2943, 72.5337, 104.7451



Tritanopia

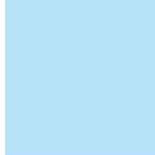
58.7779, 73.6033, 105.7167

Trichromacy



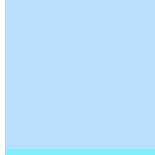
Original Color

56.8178, 73.4621, 105.7927



Protanomaly

63.7860, 71.7209, 98.4773



Deuteranomaly

64.9828, 71.3847, 104.9614



Tritanomaly

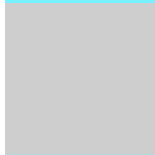
58.1224, 73.6988, 105.7697

Monochromacy



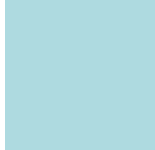
Original Color

56.8178, 73.4621, 105.7927



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

55.9815, 64.5233, 80.0247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8178, 73.4621, 105.7927 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(119, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(119, 240, 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(119, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.8178, 73.4621, 105.7927 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(119, 240, 255) }
```


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

```
.border{ border-color:rgb(119, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(119, 240,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8178, 73.4621, 105.7927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 240, 255) }
```

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

```
.background{ background-color: rgb(119,  
240, 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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