

Converting Colors

XYZ(65.2885, 75.7562,
154.7699)

Have a look what the booklet for
XYZ(65.2885, 75.7562, 154.7699)
contains.

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Color

**XYZ(56.0957, 72.2206,
105.5912)**

Conversions

Conversions Part 1

Format	Color
Hex	76EEFF
RGB	118, 238, 255
RGB Percent	46%, 93%, 100%
CMY	0.5372, 0.0667, 0.0000
CMYK	0.54, 0.07, 0.00, 0.00
HSL	187°, 100%, 73%
HSV	187°, 54%, 100%
XYZ	56.0957, 72.2206, 105.5912
YIQ	204.0580, -76.9770, -20.1530

Conversions

Conversions Part 2

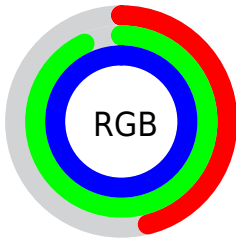
Format	Color
R_{YB}	118, 182, 255
Decimal	7794431
CIE _{Lab}	88.07, -29.19, -18.52
CIE _{LCh}	88, 34.574, 212.398
Yxy	72.2206, 0.2398, 0.3088
Android (android.graphics.Color)	4285984511 (0xFF76EEFF)
YUV	204.0580, 25.1144, -75.4729
Hunter-Lab	84.9827, -30.8948, -14.1801

Details

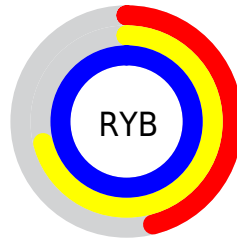
The XYZ color **56.0957, 72.2206, 105.5912** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.1747, 39.8968, 22.0397**, and the grayscale version is **57.3142, 60.2991, 65.6657**.

A 20% lighter version of the original color is **72.4004, 88.3237, 107.8400**, and **28.1399, 38.1615, 59.3089** is the 20% darker color. If you saturate the color by 10%, you get **52.1769, 68.8466, 105.1464**, and if you desaturate by 10%, it is **60.9704, 76.1147, 106.0859**.

Distribution



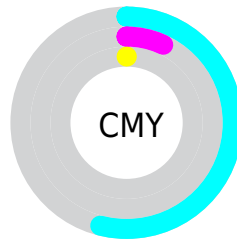
- Red (46%)
- Green (93%)
- Blue (100%)



- Red (46%)
- Yellow (71%)
- Blue (100%)



- Cyan (54%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0957, 72.2206, 105.5912 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 56.0957, 72.2206, 105.5912 by changing the saturation by 10% instead.

56.0957, 72.2206,
105.5912

56.0957, 72.2206,
105.5912

400.1212,
468.3091, 599.3728

40.5170, 53.3389,
80.3353

98.2835, 122.3701,
170.9384

28.1278, 38.0734,
59.4665

125.6232,
154.4067, 211.8668

18.5630, 26.0396,
42.5663

157.6140,
191.5971, 258.8565

11.4571, 16.8533,
29.2161

194.6213,
234.3256, 312.3260

6.4447, 10.1300,
18.9974

237.0102,
282.9767, 372.6938

3.1605, 5.4852,
11.4916

285.1463,

1.2392, 2.5347,

337.9347, 440.3786

6.2802

339.3949,
399.5840, 515.7987

■ 0.1370, 0.8939,
2.9447

■ 0.0000, 0.0000,
1.0664

■ 56.0957, 72.2206,
105.5912

■ 56.0957, 72.2206,
105.5912

■ 52.1769, 68.8466,
105.1464

■ 60.9704, 76.1147,
106.0859

■ 49.1308, 65.9447,
104.7469

■ 66.8639, 80.5565,
106.6326

■ 46.8694, 63.4712,
104.3886

■ 73.8405, 85.5810,
107.2347

■ 45.2835, 61.3696,
104.0666

■ 81.9576, 91.2178,
107.8949

■ 44.5348, 60.1897,
103.8783

■ 91.2684, 97.4944,
108.6157

95.0500, 100.0000,
108.9000

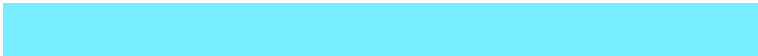
Harmonies

Analogous

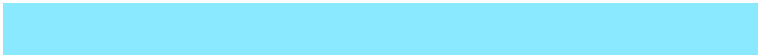
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.9758, 72.2206, 80.5532



56.0957, 72.2206, 105.5912



61.5493, 72.2206, 126.1867

Triad

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



56.0957, 72.2206, 105.5912



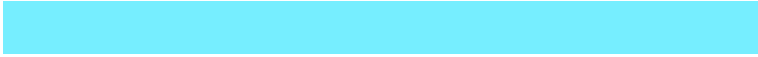
83.6911, 72.2206, 101.6323



67.9816, 72.2206, 41.4030

Complementary

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



56.0957, 72.2206, 105.5912



53.1747, 39.8968, 22.0397

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.



76.2629, 72.2206, 44.8413



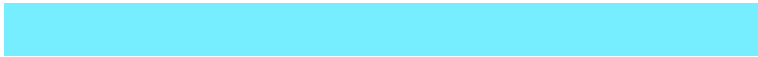
56.0957, 72.2206, 105.5912



85.7535, 72.2206, 76.7494

Square

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



56.0957, 72.2206, 105.5912



77.5034, 72.2206, 123.5978



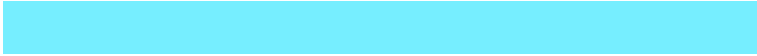
82.9355, 72.2206, 56.7093



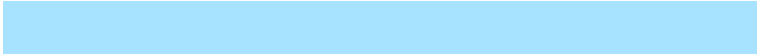
60.4860, 72.2206, 46.1618

Rectangle

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



56.0957, 72.2206, 105.5912



66.5652, 72.2206, 132.8437



82.9355, 72.2206, 56.7093



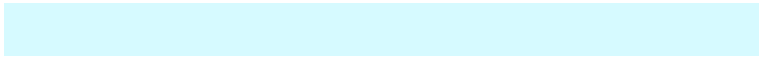
70.7646, 72.2206, 41.6380

Sweetspot

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



56.0977, 72.2232, 105.5916



80.0063, 89.8790, 107.7393



47.5343, 77.0929, 34.9252



16.7583, 18.9848, 23.0311



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.



56.0977, 72.2232, 105.5916



52.0812, 68.7600, 105.1348



39.9945, 40.0170, 100.2238



18.3512, 20.0741, 23.1574



23.3461, 31.6018, 54.3039



2.3248, 3.1803, 5.3046

Inverse Universe

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



63.1523, 40.3916, 85.3597



60.0095, 34.8635, 81.9764



65.7451, 65.0375, 26.2298



18.6899, 18.2593, 22.2503



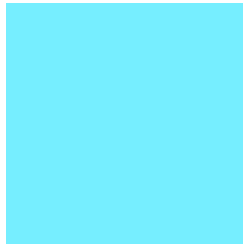
28.5722, 13.9182, 37.9935



2.8081, 1.3656, 3.8366

Previews

White Background



This preview shows how the XYZ color 56.0957, 72.2206, 105.5912 looks on a white background.

Color Contrast Check

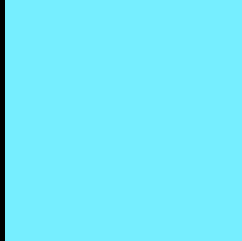
Large Text (above 18pt) WCAG AA × Fail

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 56.0957, 72.2206, 105.5912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

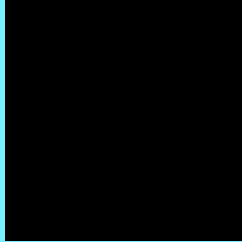
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0957, 72.2206, 105.5912

Background



This preview shows how black text looks on a background with the XYZ color 56.0957, 72.2206, 105.5912.

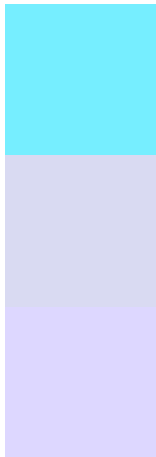


This preview shows how white text looks on a background with the XYZ color 56.0957, 72.2206,

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

56.0957, 72.2206, 105.5912

Protanopia

69.7137, 71.3053, 94.0934

Deuteranopia

72.1692, 71.1930, 104.5456



Tritanopia

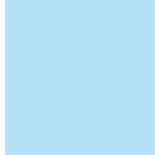
57.0866, 72.3004, 105.5543

Trichromacy



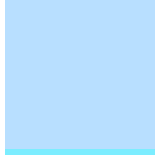
Original Color

56.0957, 72.2206, 105.5912



Protanomaly

62.7698, 70.3896, 98.2739



Deuteranomaly

64.2048, 70.1857, 104.7710



Tritanomaly

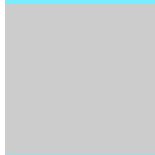
56.6464, 72.0735, 105.5337

Monochromacy



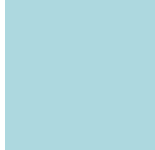
Original Color

56.0957, 72.2206, 105.5912



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.1087, 63.3237, 79.1302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0957, 72.2206, 105.5912 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(118, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(118, 238, 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(118, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 238, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.0957, 72.2206, 105.5912 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(118, 238, 255) }
```


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

```
.border{ border-color:rgb(118, 238, 255) }
```

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

Here you see how a box with a 4 pixel rgb(118, 238, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(118, 238,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0957, 72.2206, 105.5912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 238, 255) }
```

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

```
.background{ background-color: rgb(118,  
238, 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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