

Converting Colors

XYZ(56.7928, 76.2784, 98.9187)

Have a look what the booklet for
XYZ(56.7928, 76.2784, 98.9187)
contains.

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Color

**XYZ(56.7928, 76.2784,
98.9187)**

Conversions

Conversions Part 1

Format	Color
Hex	74F6F6
RGB	116, 246, 246
RGB Percent	45%, 96%, 96%
CMY	0.5451, 0.0353, 0.0353
CMYK	0.53, 0.00, 0.00, 0.04
HSL	180°, 88%, 71%
HSV	180°, 53%, 96%
XYZ	56.7928, 76.2784, 98.9187
YIQ	207.1300, -77.4800, -27.5600

Conversions

Conversions Part 2

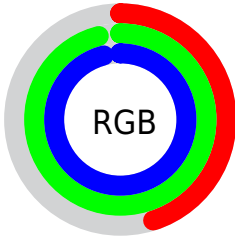
Format	Color
R _Y B	116, 181, 246
Decimal	7665398
CIE Lab	89.99, -35.71, -10.96
CIE LCh	90, 37.357, 197.068
Yxy	76.2784, 0.2448, 0.3288
Android (android.graphics.Color)	4285855478 (0xFF74F6F6)
YUV	207.1300, 19.1629, -79.9210
Hunter-Lab	87.3375, -36.7678, -6.0158

Details

The XYZ color **56.7928, 76.2784, 98.9187** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **47.4064, 33.3469, 20.4636**, and the grayscale version is **59.3103, 62.3990, 67.9525**.

A 20% lighter version of the original color is **71.9415, 88.0871, 107.8185**, and **28.5740, 40.6708, 55.0594** is the 20% darker color. If you saturate the color by 10%, you get **53.9462, 74.8127, 98.7868**, and if you desaturate by 10%, it is **60.5096, 78.1962, 99.0947**.

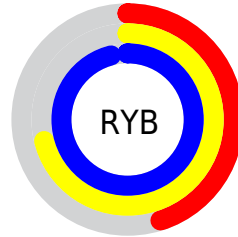
Distribution



Red (45%)

Green (96%)

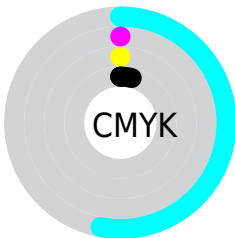
Blue (96%)



Red (45%)

Yellow (71%)

Blue (96%)

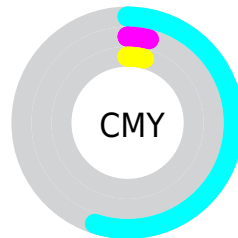


Cyan (53%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (55%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7928, 76.2784, 98.9187 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 56.7928, 76.2784, 98.9187 by changing the saturation by 10% instead.

56.7928, 76.2784,
98.9187

56.7928, 76.2784,
98.9187

402.6992,
482.3002, 577.9374

41.0784, 56.6608,
74.7860

99.2959, 128.1204,
161.7093

28.5683, 40.7330,
54.9369

126.8153,
161.1135, 201.2043

18.8971, 28.1105,
38.9529

159.0004,
199.3340, 246.6571

11.6995, 18.4090,
26.4156

196.2166,
243.1663, 298.4863

6.6102, 11.2440,
16.9062

238.8292,
292.9946, 357.1103

3.2637, 6.2312,
10.0064

287.2036,

1.2947, 2.9862,

349.2034, 422.9478

5.2975

341.7052,
412.1771, 496.4173

■ 0.1792, 1.1245,
2.3611

■ 0.0000, 0.0000,
0.7652

■ 56.7928, 76.2784,
98.9187

■ 56.7928, 76.2784,
98.9187

■ 53.9462, 74.8127,
98.7868

■ 60.5096, 78.1962,
99.0947

■ 51.8931, 73.7543,
98.6904


■ 65.1521, 80.5895,
99.3123


■ 50.5549, 73.0644,
98.6274


■ 70.7791, 83.4903,
99.5760


■ 49.8337, 72.6926,
98.5933


■ 77.4428, 86.9256,
99.8882


 49.5915, 72.5678,
98.5817

 85.1915, 90.9202,
100.2512

 90.8322, 93.8281,
100.5155

 90.8323, 93.8281,
100.5159

 90.8323, 93.8281,
100.5162

 90.8324, 93.8281,
100.5166

Harmonies

Analogous

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



56.5110, 76.2784, 72.1684



56.7928, 76.2784, 98.9187



61.0484, 76.2784, 126.2073

Triad

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



56.7928, 76.2784, 98.9187



86.3171, 76.2784, 122.8032



76.5540, 76.2784, 42.6448

Complementary

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



56.7928, 76.2784, 98.9187



47.4064, 33.3469, 20.4636

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.



85.3017, 76.2784, 51.0646



56.7928, 76.2784, 98.9187



91.2526, 76.2784, 94.9831

Square

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



56.7928, 76.2784, 98.9187



77.8466, 76.2784, 141.8820



90.8659, 76.2784, 68.9837



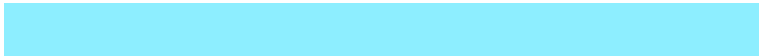
67.4046, 76.2784, 43.2577

Rectangle

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



56.7928, 76.2784, 98.9187



65.7889, 76.2784, 139.3500



90.8659, 76.2784, 68.9837



79.6534, 76.2784, 44.4218

Sweetspot

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



56.7951, 76.2813, 98.9205



81.5999, 93.0662, 108.2699



43.6044, 71.0387, 27.9385



17.1426, 19.7534, 23.1591



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.



56.7951, 76.2813, 98.9205



58.4616, 81.1380, 107.1853



40.8074, 44.3054, 93.5930



16.9968, 18.7578, 21.2673



26.4691, 38.7325, 52.6172



2.3264, 3.4042, 4.6246

Inverse Universe

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



47.4064, 33.3469, 20.4636



47.3102, 30.1423, 13.9974



57.2479, 53.0301, 23.7434



16.4992, 16.4825, 17.1095



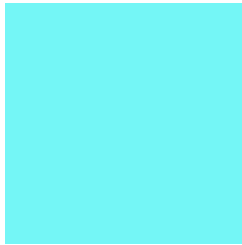
20.2862, 10.4579, 0.9495



1.7830, 0.9191, 0.0835

Previews

White Background



This preview shows how the XYZ color 56.7928, 76.2784, 98.9187 looks on a white background.

Color Contrast Check

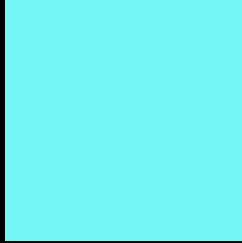
Large Text (above 18pt) WCAG AA × Fail

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 56.7928, 76.2784, 98.9187 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 56.7928, 76.2784, 98.9187

Background



This preview shows how black text looks on a background with the XYZ color 56.7928, 76.2784, 98.9187.

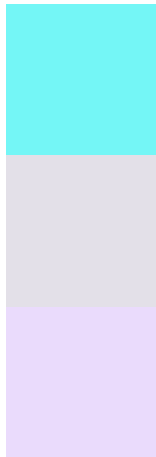


This preview shows how white text looks on a background with the XYZ color 56.7928, 76.2784,

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

56.7928, 76.2784, 98.9187

Protanopia

72.8997, 75.4684, 87.0686

Deuteranopia

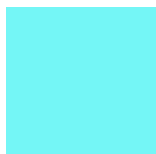
76.8339, 75.1837, 102.5578



Tritanopia

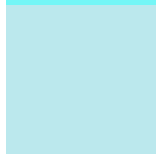
62.0534, 75.7253, 105.9536

Trichromacy



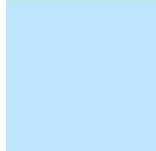
Original Color

56.7928, 76.2784, 98.9187



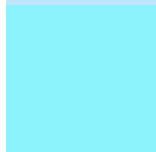
Protanomaly

64.6362, 74.3924, 91.0733



Deuteranomaly

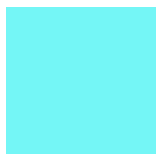
66.7605, 74.0171, 101.2106



Tritanomaly

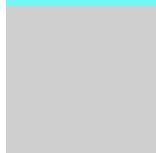
60.1380, 76.1080, 103.6162

Monochromacy



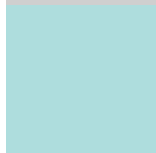
Original Color

56.7928, 76.2784, 98.9187



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

56.3632, 65.9320, 78.1621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7928, 76.2784, 98.9187 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(116, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(116, 246, 246)  
}
```

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(116, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 246, 246) }
```

Border

The CSS property to change the border of an element to XYZ 56.7928, 76.2784, 98.9187 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(116, 246, 246) }
```


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

```
.border{ border-color:rgb(116, 246, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 246, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(116, 246,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7928, 76.2784, 98.9187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 246, 246) }
```

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

```
.background{ background-color: rgb(116,  
246, 246) }
```

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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