

Converting Colors

XYZ(45.8136, 57.1494, 79.1382)

Have a look what the booklet for
XYZ(45.8136, 57.1494, 79.1382)
contains.

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Color

**XYZ(45.7504, 56.9808,
79.1081)**

Conversions

Conversions Part 1

Format	Color
Hex	7FD4E0
RGB	127, 212, 224
RGB Percent	50%, 83%, 88%
CMY	0.5019, 0.1686, 0.1216
CMYK	0.43, 0.05, 0.00, 0.12
HSL	187°, 61%, 69%
HSV	187°, 43%, 88%
XYZ	45.7504, 56.9808, 79.1081
YIQ	187.9530, -54.5120, -14.2880

Conversions

Conversions Part 2

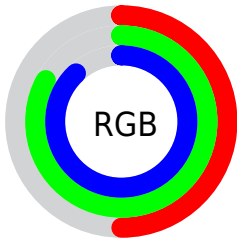
Format	Color
R _Y B	127, 172, 224
Decimal	8377568
CIE Lab	80.17, -22.67, -13.99
CIE LCh	80, 26.638, 211.680
Yxy	56.9808, 0.2516, 0.3134
Android (android.graphics.Color)	4286567648 (0xFF7FD4E0)
YUV	187.9530, 17.7712, -53.4558
Hunter-Lab	75.4856, -23.9144, -9.2953

Details

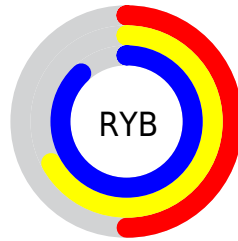
The XYZ color **45.7504, 56.9808, 79.1081** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **43.8048, 35.8457, 24.6902**, and the grayscale version is **47.6992, 50.1833, 54.6496**.

A 20% lighter version of the original color is **73.5772, 88.9303, 107.8951**, and **21.6726, 28.2437, 41.8454** is the 20% darker color. If you saturate the color by 10%, you get **42.0917, 54.0765, 78.7414**, and if you desaturate by 10%, it is **50.1661, 60.2956, 79.5162**.

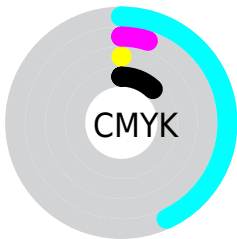
Distribution



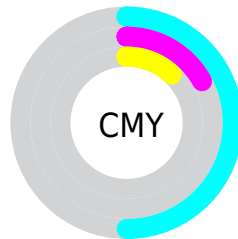
- Red (50%)
- Green (83%)
- Blue (88%)



- Red (50%)
- Yellow (67%)
- Blue (88%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)





- Cyan (50%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.7504, 56.9808, 79.1081 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 45.7504, 56.9808, 79.1081 by changing the saturation by 10% instead.


 45.7504, 56.9808,
79.1081


 45.7504, 56.9808,
79.1081


360.5370,
413.3774, 511.5492

 32.2527, 40.9898,
58.4628


 83.0755, 100.4372,
133.9111

 21.7111, 28.3111,
41.7637


 107.6336,
128.6714, 168.9059

 13.7602, 18.5603,
28.5921


 136.6091,
161.7554, 209.5210

 8.0346, 11.3530,
18.5296

170.3676,
200.0737, 256.1748

 4.1691, 6.3048,
11.1575

209.2742,
244.0107, 309.2861

 1.7982, 3.0313,
6.0574

253.6945,

 0.5166, 1.1481,

293.9507, 369.2732

2.8106

303.9936,
350.2781, 436.5547

■ 0.0000, 0.0187,
0.9988

■ 0.0000, 0.0000,
0.0000

■ 45.7504, 56.9808,
79.1081

■ 45.7504, 56.9808,
79.1081

■ 42.0917, 54.0765,
78.7414

■ 50.1661, 60.2956,
79.5162

■ 39.1349, 51.5504,
78.4096

■ 55.3787, 64.0376,
79.9637

■ 36.8260, 49.3757,
78.1115

■ 61.4316, 68.2306,
80.4540

■ 35.1004, 47.5191,
77.8441

■ 68.3634, 72.8947,
80.9889

■ 33.8802, 45.9403,
77.6037

■ 76.2105, 78.0485,
81.5702

■ 33.2611, 44.9946,
77.4538

■ 82.6112, 82.4748,
82.0872

■ 83.3824, 84.0171,
82.3442

■ 84.1658, 85.5840,
82.6054

■ 84.9616, 87.1756,
82.8706

Harmonies

Analogous

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



44.3782, 56.9808, 62.9229



45.7504, 56.9808, 79.1081



49.3548, 56.9808, 92.2635

Triad

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



45.7504, 56.9808, 79.1081



63.8795, 56.9808, 77.3366



53.8531, 56.9808, 36.6961

Complementary

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



45.7504, 56.9808, 79.1081



43.8048, 35.8457, 24.6902

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.



59.2643, 56.9808, 39.2667



45.7504, 56.9808, 79.1081



65.2797, 56.9808, 61.1701

Square

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



45.7504, 56.9808, 79.1081



59.8289, 56.9808, 91.1264



63.5385, 56.9808, 47.6265



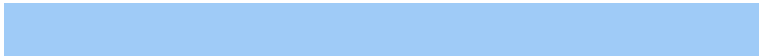
48.8583, 56.9808, 39.9163

Rectangle

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



45.7504, 56.9808, 79.1081



52.6617, 56.9808, 96.5820



63.5385, 56.9808, 47.6265



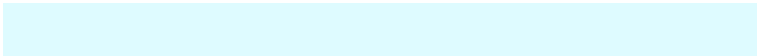
55.6835, 56.9808, 36.9093

Sweetspot

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



45.7521, 56.9830, 79.1094



82.5941, 91.6576, 107.9462



40.0197, 59.6687, 33.5745



17.2695, 19.3387, 23.0725



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.



45.7521, 56.9830, 79.1094



56.8819, 72.8850, 105.6780



35.5166, 36.5119, 75.6976



13.9643, 15.2678, 17.5987



19.4179, 26.3054, 45.1024



1.3871, 1.9057, 3.1400

Inverse Universe

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



50.2149, 35.7810, 66.5495



63.7695, 41.4858, 85.9972



52.3039, 52.8439, 27.5233



14.2182, 13.9049, 16.9193



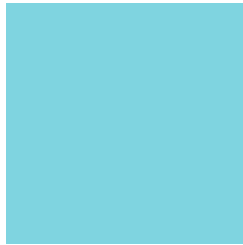
23.7415, 11.5636, 31.6340



1.6664, 0.8098, 2.3021

Previews

White Background



This preview shows how the XYZ color 45.7504, 56.9808, 79.1081 looks on a white background.

Color Contrast Check

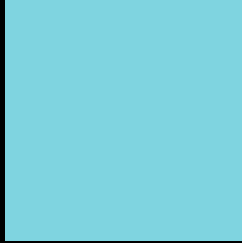
Large Text (above 18pt) WCAG AA × Fail

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 45.7504, 56.9808, 79.1081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

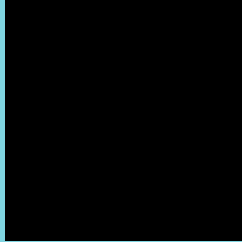
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.7504, 56.9808, 79.1081

Background



This preview shows how black text looks on a background with the XYZ color 45.7504, 56.9808, 79.1081.

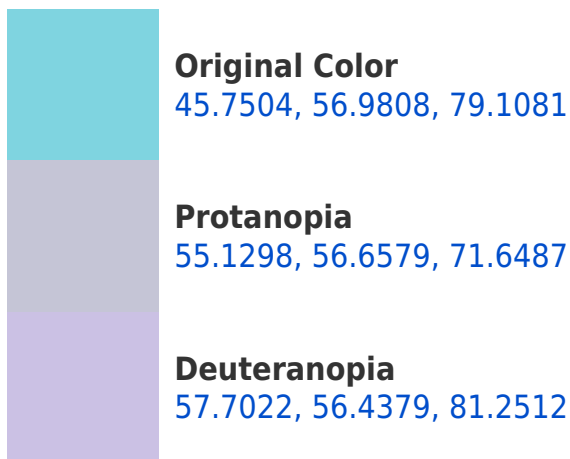


This preview shows how white text looks on a background with the XYZ color 45.7504, 56.9808,

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





Tritanopia

46.1999, 56.7792, 81.9233

Trichromacy



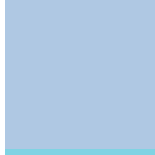
Original Color

45.7504, 56.9808, 79.1081



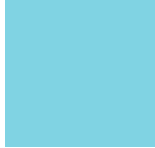
Protanomaly

50.7887, 56.0737, 74.4761



Deuteranomaly

52.1986, 55.9686, 80.7249



Tritanomaly

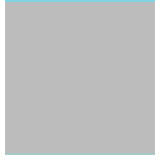
46.0615, 56.7238, 81.1941

Monochromacy



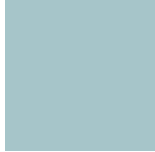
Original Color

45.7504, 56.9808, 79.1081



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

46.2348, 52.2565, 62.9080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7504, 56.9808, 79.1081 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(127, 212, 224)` looks like.

```
.text, #text, p{  
    color:rgb(127, 212, 224)  
}
```

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(127, 212, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 212, 224) }
```

Border

The CSS property to change the border of an element to XYZ 45.7504, 56.9808, 79.1081 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(127, 212, 224) }
```


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

```
.border{ border-color:rgb(127, 212, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 212, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 212, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 212, 224);  
box-shadow:4px 4px 4px 4px rgb(127, 212,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7504, 56.9808, 79.1081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 212, 224) }
```

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

```
.background{ background-color: rgb(127,  
212, 224) }
```

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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