

Converting Colors

XYZ(50.0274, 57.4430, 70.7393)

Have a look what the booklet for
XYZ(50.0274, 57.4430, 70.7393)
contains.

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Color

**XYZ(50.1328, 57.5946,
70.7619)**

Conversions

Conversions Part 1

Format	Color
Hex	A7CFD4
RGB	167, 207, 212
RGB Percent	65%, 81%, 83%
CMY	0.3451, 0.1882, 0.1686
CMYK	0.21, 0.02, 0.00, 0.17
HSL	187°, 34%, 74%
HSV	187°, 21%, 83%
XYZ	50.1328, 57.5946, 70.7619
YIQ	195.6100, -25.4450, -6.9250

Conversions

Conversions Part 2

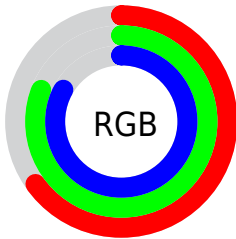
Format	Color
RYB	167, 188, 212
Decimal	10997716
CIELab	80.51, -12.02, -6.84
CIELCh	81, 13.828, 209.631
Yxy	57.5946, 0.2809, 0.3227
Android (android.graphics.Color)	4289187796 (0xFFA7CFD4)
YUV	195.6100, 8.0803, -25.0910
Hunter-Lab	75.8911, -14.8944, -2.1590

Details

The XYZ color **50.1328, 57.5946, 70.7619** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.8794, 46.2921, 42.9193**, and the grayscale version is **52.2012, 54.9198, 59.8076**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **24.4165, 28.7942, 36.1692** is the 20% darker color. If you saturate the color by 10%, you get **45.4504, 54.3418, 70.3818**, and if you desaturate by 10%, it is **55.5613, 61.2477, 71.1818**.

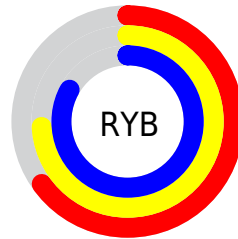
Distribution



Red (65%)

Green (81%)

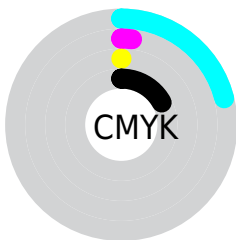
Blue (83%)



Red (65%)

Yellow (74%)

Blue (83%)

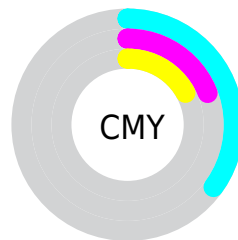


Cyan (21%)

Magenta (2%)

Yellow (0%)

Black (17%)



Cyan (35%)

Magenta (19%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1328, 57.5946, 70.7619 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 50.1328, 57.5946, 70.7619 by changing the saturation by 10% instead.

■ 50.1328, 57.5946,
70.7619

■ 50.1328, 57.5946,
70.7619

377.6285,
415.6736, 482.0819

■ 35.7372, 41.4828,
51.6673

■ 89.5623, 101.3323,
121.9859

■ 24.4004, 28.6965,
36.3595

■ 115.3268,
129.7269, 154.9524

■ 15.7573, 18.8514,
24.4201

145.6116,
162.9847, 193.3799

■ 9.4423, 11.5629,
15.4305

180.7822,
201.4899, 237.6870

■ 5.0902, 6.4468,
8.9721

221.2038,
245.6271, 288.2922

■ 2.3356, 3.1186,
4.6264

267.2418,

■ 0.8128, 1.1940,

295.7805, 345.6140

1.9749

319.2616,
352.3345, 410.0711

■ 0.0000, 0.0568,
0.5398

■ 0.0000, 0.0000,
0.0000

■ 50.1328, 57.5946,
70.7619

■ 50.1328, 57.5946,
70.7619

■ 45.4504, 54.3418,
70.3818

■ 55.5613, 61.2477,
71.1818

■ 41.4733, 51.4636,
70.0358

■ 61.7641, 65.3111,
71.6392

■ 38.1643, 48.9423,
69.7236

■ 68.7742, 69.8035,
72.1369

■ 35.4809, 46.7561,
69.4430

■ 76.6212, 74.7400,
72.6761

■ 33.3757, 44.8804,
69.1919

■ 78.3968, 76.5595,
72.9338

■ 31.7944, 43.2870,
68.9677

■ 79.0146, 77.7950,
73.1397

■ 30.6719, 41.9425,
68.7674

■ 79.6410, 79.0479,
73.3485

■ 29.9652, 40.9163,
68.6066

■ 80.2762, 80.3183,
73.5602

■ 80.9202, 81.6064,
73.7749

Harmonies

Analogous

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



49.4627, 57.5946, 62.6100



50.1328, 57.5946, 70.7619



52.0283, 57.5946, 77.1892

Triad

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



50.1328, 57.5946, 70.7619



59.5880, 57.5946, 70.9513



54.7771, 57.5946, 48.3407

Complementary

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



50.1328, 57.5946, 70.7619



48.8794, 46.2921, 42.9193

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.



57.5484, 57.5946, 50.1664



50.1328, 57.5946, 70.7619



60.3840, 57.5946, 62.8116

Square

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



50.1328, 57.5946, 70.7619



57.4854, 57.5946, 77.3050



59.6253, 57.5946, 55.2947



52.0872, 57.5946, 50.0796

Rectangle

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



50.1328, 57.5946, 70.7619



53.7653, 57.5946, 79.3801



59.6253, 57.5946, 55.2947



55.7304, 57.5946, 48.5554

Sweetspot

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



50.1345, 57.5970, 70.7632



89.1038, 96.1335, 108.4671



46.8793, 58.2628, 47.5545



18.9391, 20.4895, 23.2066



0.0000, 0.0000, 0.0000



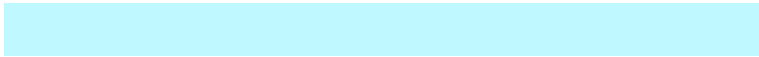
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.1345, 57.5970, 70.7632



73.1418, 85.4148, 107.2395



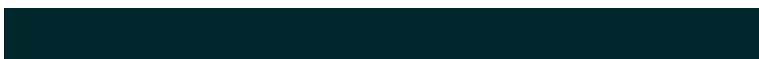
45.1700, 47.6680, 69.1084



12.6689, 13.8613, 15.9453



18.5447, 25.3512, 42.3690



1.1529, 1.5977, 2.5669

Inverse Universe

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



52.2339, 46.1407, 65.1872



76.8563, 65.4031, 97.3157



53.4192, 55.3717, 44.4326



12.8909, 12.6078, 15.3655



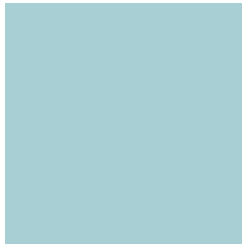
22.4194, 10.9041, 30.5761



1.3696, 0.6646, 1.9355

Previews

White Background



This preview shows how the XYZ color 50.1328, 57.5946, 70.7619 looks on a white background.

Color Contrast Check

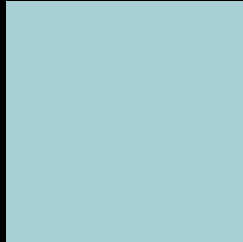
Large Text (above 18pt) WCAG AA × Fail

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 50.1328, 57.5946, 70.7619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

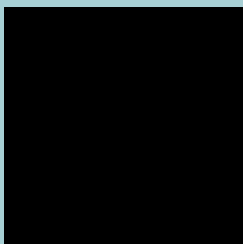
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

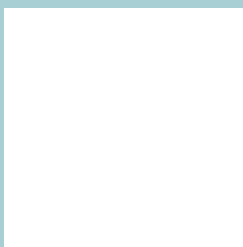
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1328, 57.5946, 70.7619

Background



This preview shows how black text looks on a background with the XYZ color 50.1328, 57.5946, 70.7619.



This preview shows how white text looks on a background with the XYZ color 50.1328, 57.5946,

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

50.1328, 57.5946, 70.7619

Protanopia

55.5440, 57.3107, 67.1661

Deuteranopia

58.7089, 57.4869, 72.2918



Tritanopia

51.3783, 57.3716, 77.4731

Trichromacy



Original Color

50.1328, 57.5946, 70.7619

Protanomaly

53.3815, 57.1956, 68.5479

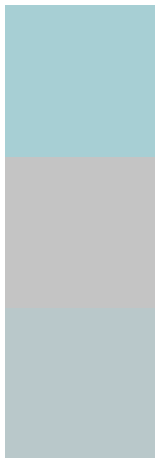
Deuteranomaly

55.3260, 57.4376, 71.7889

Tritanomaly

50.8746, 57.5294, 74.7526

Monochromacy



Original Color

50.1328, 57.5946, 70.7619

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.3225, 55.8871, 63.9594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1328, 57.5946, 70.7619 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(167, 207, 212)` looks like.

```
.text, #text, p{  
    color:rgb(167, 207, 212)  
}
```

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(167, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 207, 212) }
```

Border

The CSS property to change the border of an element to XYZ 50.1328, 57.5946, 70.7619 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(167, 207, 212) }
```


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

```
.border{ border-color:rgb(167, 207, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 207, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(167, 207,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1328, 57.5946, 70.7619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 207, 212) }
```

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

```
.background{ background-color: rgb(167,  
207, 212) }
```

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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