

Converting Colors

XYZ(57.7515, 66.6295, 77.0412)

Have a look what the booklet for
XYZ(57.7515, 66.6295, 77.0412)
contains.

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Color

**XYZ(57.6987, 66.6511,
76.8417)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DDDB
RGB	181, 221, 219
RGB Percent	71%, 87%, 86%
CMY	0.2902, 0.1333, 0.1412
CMYK	0.18, 0.00, 0.01, 0.13
HSL	177°, 37%, 79%
HSV	177°, 18%, 87%
XYZ	57.6987, 66.6511, 76.8417
YIQ	208.8120, -23.1980, -9.1020

Conversions

Conversions Part 2

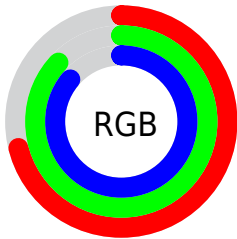
Format	Color
RYB	181, 202, 221
Decimal	11918811
CIELab	85.33, -13.39, -3.36
CIELCh	85, 13.809, 194.088
Yxy	66.6511, 0.2868, 0.3313
Android (android.graphics.Color)	4290108891 (0xFFB5DDDB)
YUV	208.8120, 5.0227, -24.3911
Hunter-Lab	81.6401, -16.7163, 1.3429

Details

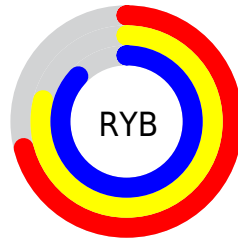
The XYZ color **57.6987, 66.6511, 76.8417** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.8923, 51.8407, 51.9158**, and the grayscale version is **60.4625, 63.6112, 69.2726**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **29.0895, 34.4648, 40.2412** is the 20% darker color. If you saturate the color by 10%, you get **52.7774, 64.1326, 75.8548**, and if you desaturate by 10%, it is **63.4468, 69.5992, 77.8752**.

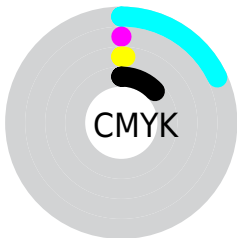
Distribution



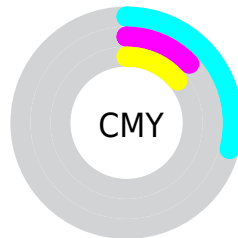
- Red (71%)
- Green (87%)
- Blue (86%)



- Red (71%)
- Yellow (79%)
- Blue (87%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (29%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6987, 66.6511, 76.8417 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 57.6987, 66.6511, 76.8417 by changing the saturation by 10% instead.

■ 57.6987, 66.6511,
76.8417

■ 57.6987, 66.6511,
76.8417

406.0343,
448.7018, 503.6475

■ 41.8088, 48.8011,
56.6122

■ 100.6095,
114.4203, 130.6870

■ 29.1421, 34.4618,
40.2867

128.3610,
145.1084, 165.1398

■ 19.3331, 23.2486,
27.4466

160.7972,
180.8446, 205.1708

■ 12.0167, 14.7771,
17.6735

198.2833,
222.0134, 251.1985

■ 6.8273, 8.6631,
10.5489

241.1847,
268.9991, 303.6415

■ 3.3997, 4.5221,
5.6540

289.8667,

■ 1.3685, 1.9697,

322.1861, 362.9183

2.5705

344.6948,
381.9589, 429.4474

■ 0.2336, 0.5898,
0.8772

■ 0.0000, 0.0000,
0.0000

■ 57.6987, 66.6511,
76.8417

■ 57.6987, 66.6511,
76.8417

■ 52.7774, 64.1326,
75.8548

■ 63.4468, 69.5992,
77.8752

■ 48.6385, 62.0156,
74.9081

■ 70.0522, 72.9874,
78.9525

■ 45.2422, 60.2813,
74.0012

■ 77.5505, 76.8358,
80.0767

■ 42.5427, 58.9061,
73.1319

■ 80.4747, 78.3261,
80.9918

■ 40.4895, 57.8639,
72.2979

■ 80.6248, 78.3861,
81.7823

■ 39.0249, 57.1251,
71.4964

■ 80.7759, 78.4465,
82.5779

■ 38.0812, 56.6548,
70.7244

■ 80.9279, 78.5074,
83.3786

■ 37.5616, 56.4029,
69.9771

■ 81.0810, 78.5686,
84.1846

■ 37.4828, 56.3653,
69.8367

■ 81.2350, 78.6302,
84.9957

Harmonies

Analogous

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



57.7452, 66.6511, 67.9553



57.6987, 66.6511, 76.8417



59.1312, 66.6511, 85.2155

Triad

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



57.6987, 66.6511, 76.8417



67.6232, 66.6511, 85.6473



65.0115, 66.6511, 57.2484

Complementary

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



57.6987, 66.6511, 76.8417



54.8923, 51.8407, 51.9158

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.



67.7646, 66.6511, 61.2449



57.6987, 66.6511, 76.8417



69.3059, 66.6511, 77.3926

Square

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



57.6987, 66.6511, 76.8417



64.8238, 66.6511, 90.5752



69.3585, 66.6511, 68.4629



61.8985, 66.6511, 57.1275

Rectangle

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



57.6987, 66.6511, 76.8417



60.7602, 66.6511, 89.1770



69.3585, 66.6511, 68.4629



66.0121, 66.6511, 58.1674

Sweetspot

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



57.7006, 66.6538, 76.8432



90.4112, 97.6205, 108.1473



53.8864, 65.2011, 53.4623



19.2174, 20.8259, 23.1256



0.0000, 0.0000, 0.0000



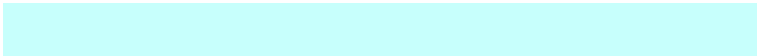
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7006, 66.6538, 76.8432



76.8876, 90.6888, 105.7065



53.6229, 58.0739, 76.7929



13.4152, 14.8177, 16.6496



21.7862, 32.7471, 40.6353



1.4203, 2.1251, 2.6791

Inverse Universe

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



54.8923, 51.8407, 51.9158



72.2667, 66.3113, 64.6871



58.4320, 59.2514, 52.0743



13.0823, 13.0620, 13.6948



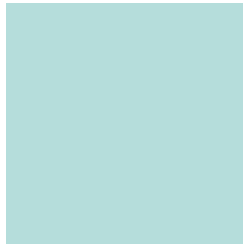
17.3697, 8.9489, 1.0612



1.1348, 0.5836, 0.1188

Previews

White Background



This preview shows how the XYZ color 57.6987, 66.6511, 76.8417 looks on a white background.

Color Contrast Check

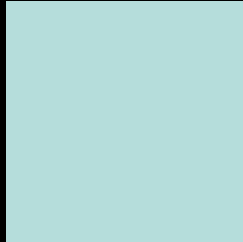
Large Text (above 18pt) WCAG AA × Fail

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 57.6987, 66.6511, 76.8417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

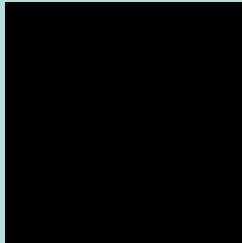
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

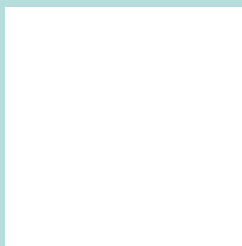
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6987, 66.6511, 76.8417

Background



This preview shows how black text looks on a background with the XYZ color 57.6987, 66.6511, 76.8417.

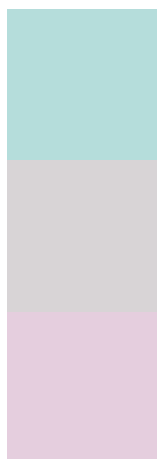


This preview shows how white text looks on a background with the XYZ color 57.6987, 66.6511,

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

57.6987, 66.6511, 76.8417

Protanopia

64.0000, 66.5409, 73.0889

Deuteranopia

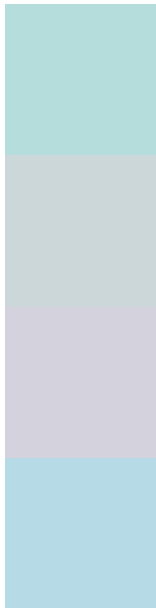
67.5692, 66.0746, 78.2996



Tritanopia

59.9789, 66.3893, 89.0101

Trichromacy



Original Color

57.6987, 66.6511, 76.8417

Protanomaly

61.3237, 66.2553, 74.5222

Deuteranomaly

63.4968, 65.8060, 77.7618

Tritanomaly

59.1429, 66.4435, 84.5706

Monochromacy



Original Color

57.6987, 66.6511, 76.8417

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.3577, 64.5347, 72.2788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6987, 66.6511, 76.8417 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(181, 221, 219)` looks like.

```
.text, #text, p{  
    color:rgb(181, 221, 219)  
}
```

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(181, 221, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 221, 219) }
```

Border

The CSS property to change the border of an element to XYZ 57.6987, 66.6511, 76.8417 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(181, 221, 219) }
```


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

```
.border{ border-color:rgb(181, 221, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 221, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 221, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 221, 219); box-shadow:4px 4px 4px 4px rgb(181, 221, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6987, 66.6511, 76.8417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 221, 219) }
```

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

```
.background{ background-color: rgb(181,  
221, 219) }
```

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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