

Converting Colors

XYZ(57.1628, 66.8217, 71.7840)

Have a look what the booklet for
XYZ(57.1628, 66.8217, 71.7840)
contains.

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Color

**XYZ(57.1706, 66.8908,
71.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	B6DED3
RGB	182, 222, 211
RGB Percent	71%, 87%, 83%
CMY	0.2863, 0.1294, 0.1725
CMYK	0.18, 0.00, 0.05, 0.13
HSL	163°, 38%, 79%
HSV	163°, 18%, 87%
XYZ	57.1706, 66.8908, 71.5260
YIQ	208.7860, -20.3090, -11.9010

Conversions

Conversions Part 2

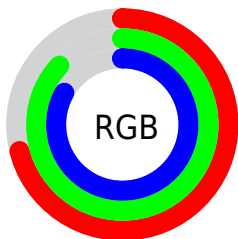
Format	Color
RYB	182, 205, 222
Decimal	11984595
CIELab	85.45, -15.21, 1.05
CIElCh	85, 15.248, 176.043
Yxy	66.8908, 0.2923, 0.3420
Android (android.graphics.Color)	4290174675 (0xFFB6DED3)
YUV	208.7860, 1.0915, -23.4913
Hunter-Lab	81.7868, -18.3518, 5.3992

Details

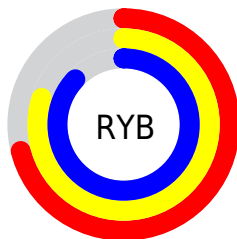
The XYZ color **57.1706, 66.8908, 71.5260** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.4802, 52.8376, 57.6770**, and the grayscale version is **60.4690, 63.6181, 69.2801**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **28.8066, 34.6609, 37.0703** is the 20% darker color. If you saturate the color by 10%, you get **51.5869, 64.1009, 67.3451**, and if you desaturate by 10%, it is **63.6184, 70.1264, 75.9020**.

Distribution



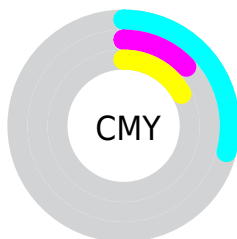
- Red (71%)
- Green (87%)
- Blue (83%)



- Red (71%)
- Yellow (80%)
- Blue (87%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (29%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1706, 66.8908, 71.5260 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 57.1706, 66.8908, 71.5260 by changing the saturation by 10% instead.

■ 57.1706, 66.8908,
71.5260

■ 57.1706, 66.8908,
71.5260

404.0921,
449.5560, 484.8232

■ 41.3829, 48.9959,
52.2871

■ 99.8440, 114.7639,
123.0838

■ 28.8074, 34.6162,
36.8501

127.4604,
145.5109, 156.2398

■ 19.0787, 23.3674,
24.7966

159.7504,
181.3108, 194.8720

■ 11.8315, 14.8650,
15.7079

197.0794,
222.5478, 239.3987

■ 6.7004, 8.7247,
9.1656

239.8127,
269.6064, 290.2387

■ 3.3201, 4.5621,
4.7511

288.3157,

■ 1.3252, 1.9927,

322.8711, 347.8104

2.0458

342.9537,
382.7261, 412.5324

■ 0.2020, 0.6032,
0.5832

■ 0.0000, 0.0000,
0.0000

■ 57.1706, 66.8908,
71.5260

■ 57.1706, 66.8908,
71.5260

■ 51.5869, 64.1009,
67.3451

■ 63.6184, 70.1264,
75.9020

■ 46.8222, 61.7280,
63.3512


■ 70.9613, 73.8183,
80.4720


■ 42.8358, 59.7532,
59.5423


■ 79.2360, 77.9871,
85.2407

■ 39.5813, 58.1523,
55.9143


■ 82.4197, 79.5279,
89.9278


 37.0072, 56.8990,
52.4633

 83.3196, 79.8878,
94.6662


 35.0549, 55.9632,
49.1845


 84.2500, 80.2600,
99.5658

 33.6558, 55.3093,
46.0731

 85.2113, 80.6445,
104.6282

 32.7125, 54.8874,
43.1226

 85.4125, 80.7250,
105.6875

 32.5502, 54.8161,
42.5556

Harmonies

Analogous

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



58.2189, 66.8908, 62.7025



57.1706, 66.8908, 71.5260



57.7872, 66.8908, 81.5198

Triad

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



57.1706, 66.8908, 71.5260



66.5427, 66.8908, 91.3225



67.3657, 66.8908, 58.1480

Complementary

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



57.1706, 66.8908, 71.5260



56.4802, 52.8376, 57.6770

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.



69.7427, 66.8908, 64.7858



57.1706, 66.8908, 71.5260



69.2556, 66.8908, 83.9991

Square

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



57.1706, 66.8908, 71.5260



63.1198, 66.8908, 93.5362



70.4465, 66.8908, 74.1552



64.0378, 66.8908, 55.4346

Rectangle

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



57.1706, 66.8908, 71.5260



59.0719, 66.8908, 87.4232



70.4465, 66.8908, 74.1552



68.3070, 66.8908, 59.9632

Sweetspot

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



57.1725, 66.8936, 71.5275



89.9542, 97.4377, 105.7410



56.6444, 67.0042, 54.2048



19.1061, 20.7814, 22.5391



0.0000, 0.0000, 0.0000



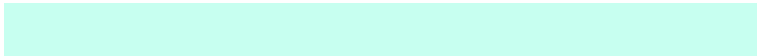
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1725, 66.8936, 71.5275



74.9509, 89.9141, 95.5078



56.3566, 62.9780, 78.2961



13.9473, 15.5047, 16.7577



19.3825, 32.5778, 25.5349



1.3807, 2.2730, 1.9657

Inverse Universe

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



56.4802, 52.8376, 57.6770



73.8203, 66.9328, 72.8686



57.1281, 56.0254, 52.0602



13.8614, 13.7622, 15.0401



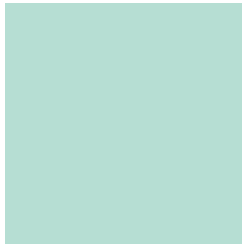
18.4349, 9.4410, 3.6901



1.3150, 0.6693, 0.4518

Previews

White Background



This preview shows how the XYZ color 57.1706, 66.8908, 71.5260 looks on a white background.

Color Contrast Check

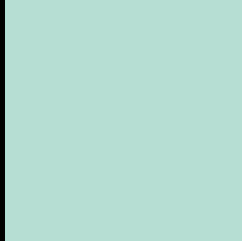
Large Text (above 18pt) WCAG AA × Fail

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 57.1706, 66.8908, 71.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

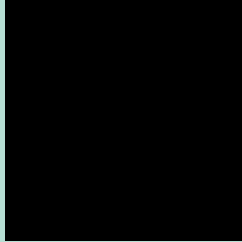
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

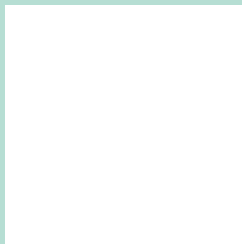
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1706, 66.8908, 71.5260

Background



This preview shows how black text looks on a background with the XYZ color 57.1706, 66.8908, 71.5260.



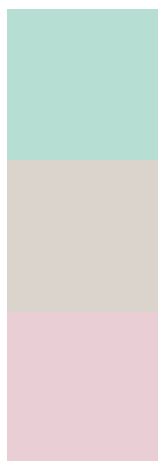
This preview shows how white text looks on a background with the XYZ color 57.1706, 66.8908,

71.5260.

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

57.1706, 66.8908, 71.5260

Protanopia

63.7763, 66.5548, 67.2426

Deuteranopia

67.8132, 66.3213, 72.8455



Tritanopia

60.7052, 66.7637, 89.0441

Trichromacy



Original Color

57.1706, 66.8908, 71.5260

Protanomaly

61.2720, 66.7385, 68.6839

Deuteranomaly

63.2853, 66.1872, 72.3907

Tritanomaly

59.2042, 66.5234, 82.3929

Monochromacy



Original Color

57.1706, 66.8908, 71.5260

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.2326, 64.8884, 70.3756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1706, 66.8908, 71.5260 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(182, 222, 211)` looks like.

```
.text, #text, p{  
    color:rgb(182, 222, 211)  
}
```

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(182, 222, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 222, 211) }
```

Border

The CSS property to change the border of an element to XYZ 57.1706, 66.8908, 71.5260 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(182, 222, 211) }
```


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

```
.border{ border-color:rgb(182, 222, 211) }
```

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

Here you see how a box with a 4 pixel rgb(182, 222, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 222, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 222, 211);  
box-shadow:4px 4px 4px 4px rgb(182, 222,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1706, 66.8908, 71.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 222, 211) }
```

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

```
.background{ background-color: rgb(182,  
222, 211) }
```

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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