

Converting Colors

XYZ(57.1925, 66.1786, 72.7103)

Have a look what the booklet for
XYZ(57.1925, 66.1786, 72.7103)
contains.

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Color

**XYZ(57.1319, 66.0578,
72.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	B7DCD5
RGB	183, 220, 213
RGB Percent	72%, 86%, 84%
CMY	0.2823, 0.1372, 0.1647
CMYK	0.17, 0.00, 0.03, 0.14
HSL	169°, 35%, 79%
HSV	169°, 17%, 86%
XYZ	57.1319, 66.0578, 72.6900
YIQ	208.1390, -19.8050, -10.0210

Conversions

Conversions Part 2

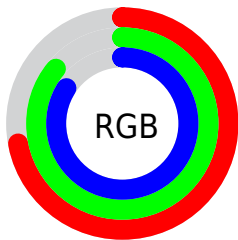
Format	Color
RYB	183, 203, 220
Decimal	12049621
CIELab	85.03, -13.48, -0.61
CIELCh	85, 13.499, 182.610
Yxy	66.0578, 0.2917, 0.3372
Android (android.graphics.Color)	4290239701 (0xFFB7DCD5)
YUV	208.1390, 2.3965, -22.0469
Hunter-Lab	81.2759, -16.7586, 3.8665

Details

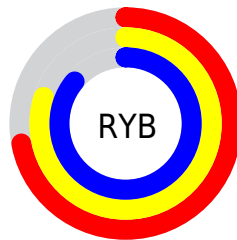
The XYZ color **57.1319, 66.0578, 72.6900** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.7454, 52.8021, 55.9719**, and the grayscale version is **60.0400, 63.1668, 68.7886**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **28.8326, 34.1247, 37.4148** is the 20% darker color. If you saturate the color by 10%, you get **51.7812, 63.3615, 69.7171**, and if you desaturate by 10%, it is **63.3179, 69.1867, 75.7756**.

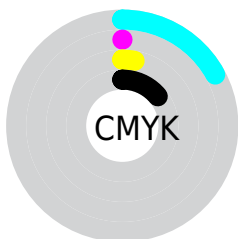
Distribution



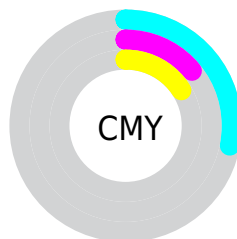
- Red (72%)
- Green (86%)
- Blue (84%)



- Red (72%)
- Yellow (80%)
- Blue (86%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)





- Cyan (28%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1319, 66.0578, 72.6900 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 57.1319, 66.0578, 72.6900 by changing the saturation by 10% instead.


 57.1319, 66.0578,
72.6900

 57.1319, 66.0578,
72.6900


403.9496,
446.5836, 488.9816

 41.3517, 48.3193,
53.2322


 99.7879, 113.5693,
124.7539

 28.7829, 34.0798,
37.5992


127.3943,
144.1111, 158.1970

 19.0601, 22.9549,
25.3724

159.6736,
179.6895, 197.1391

 11.8180, 14.5602,
16.1331

196.9911,
220.6888, 241.9986

 6.6912, 8.5113,
9.4630

239.7120,
267.4935, 293.1941

 3.3143, 4.4238,
4.9435

288.2019,

 1.3221, 1.9134,

320.4879, 351.1440

2.1560

342.8259,
380.0565, 416.2670

■ 0.1997, 0.5564,
0.6488

■ 0.0000, 0.0000,
0.0000

■ 57.1319, 66.0578,
72.6900

■ 57.1319, 66.0578,
72.6900

■ 51.7812, 63.3615,
69.7171

■ 63.3179, 69.1867,
75.7756

■ 47.2222, 61.0699,
66.8502

■ 70.3690, 72.7582,
78.9717

■ 43.4157, 59.1648,
64.0883

■ 78.3206, 76.7924,
82.2818

■ 40.3170, 57.6231,
61.4288

■ 81.0692, 78.1427,
85.4207

■ 37.8767, 56.4192,
58.8688

■ 81.6599, 78.3790,
88.5316

■ 36.0387, 55.5243,
56.4052

■ 82.2648, 78.6210,
91.7165

■ 34.7376, 54.9046,
54.0344

■ 82.8837, 78.8686,
94.9760

■ 33.8888, 54.5167,
51.7517

■ 83.5169, 79.1218,
98.3104

■ 33.6671, 54.4179,
51.0419

■ 84.1645, 79.3809,
101.7204

Harmonies

Analogous

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



57.7430, 66.0578, 64.5039



57.1319, 66.0578, 72.6900



57.9949, 66.0578, 81.3193

Triad

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



57.1319, 66.0578, 72.6900



65.9855, 66.0578, 86.9512



65.5106, 66.0578, 58.0764

Complementary

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



57.1319, 66.0578, 72.6900



55.7454, 52.8021, 55.9719

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.



67.8339, 66.0578, 63.2849



57.1319, 66.0578, 72.6900



68.1143, 66.0578, 79.8960

Square

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



57.1319, 66.0578, 72.6900



63.0523, 66.0578, 89.9571



68.8013, 66.0578, 71.1668



62.5204, 66.0578, 56.4808

Rectangle

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



57.1319, 66.0578, 72.6900



59.3067, 66.0578, 86.0467



68.8013, 66.0578, 71.1668



66.3987, 66.0578, 59.4409

Sweetspot

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



57.1338, 66.0605, 72.6915



90.1277, 97.5071, 106.6544



55.4778, 65.6069, 54.5403



19.1483, 20.7983, 22.7616



0.0000, 0.0000, 0.0000



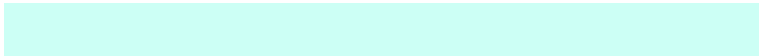
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1338, 66.0605, 72.6915



77.1964, 90.9712, 100.1553



55.2247, 60.7889, 76.5361



13.3337, 14.7851, 16.2200



19.7971, 31.9515, 30.1604



1.3104, 2.0811, 2.1005

Inverse Universe

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



55.7454, 52.8021, 55.9719



74.9261, 69.2830, 72.8097



57.3788, 57.2647, 52.8299



13.1562, 13.0916, 14.0839



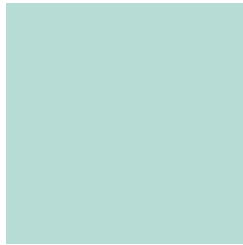
17.5941, 9.0387, 2.2428



1.1698, 0.5976, 0.3031

Previews

White Background



This preview shows how the XYZ color 57.1319, 66.0578, 72.6900 looks on a white background.

Color Contrast Check

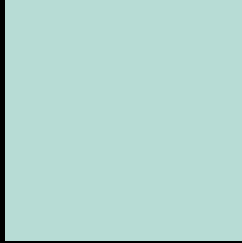
Large Text (above 18pt) WCAG AA × Fail

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 57.1319, 66.0578, 72.6900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

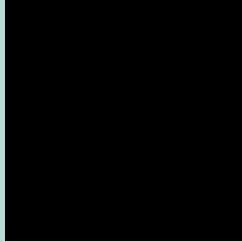
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

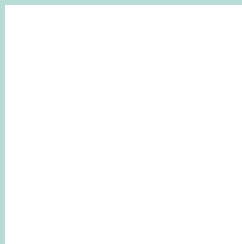
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1319, 66.0578, 72.6900

Background



This preview shows how black text looks on a background with the XYZ color 57.1319, 66.0578, 72.6900.



This preview shows how white text looks on a background with the XYZ color 57.1319, 66.0578,

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

57.1319, 66.0578, 72.6900

Protanopia

62.9983, 65.7415, 69.0435

Deuteranopia

66.8591, 65.4435, 74.0738



Tritanopia

60.1577, 66.1310, 87.4358

Trichromacy



Original Color

57.1319, 66.0578, 72.6900

Protanomaly

60.5813, 65.5836, 70.4387

Deuteranomaly

62.7529, 65.1456, 73.5569

Tritanomaly

59.0486, 66.0729, 81.5927

Monochromacy



Original Color

57.1319, 66.0578, 72.6900

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.7295, 63.8822, 70.2079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1319, 66.0578, 72.6900 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(183, 220, 213)` looks like.

```
.text, #text, p{  
    color:rgb(183, 220, 213)  
}
```

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(183, 220, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 220, 213) }
```

Border

The CSS property to change the border of an element to XYZ 57.1319, 66.0578, 72.6900 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(183, 220, 213) }
```


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

```
.border{ border-color:rgb(183, 220, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 220, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 220, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 220, 213);  
box-shadow:4px 4px 4px 4px rgb(183, 220,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1319, 66.0578, 72.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 220, 213) }
```

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

```
.background{ background-color: rgb(183,  
220, 213) }
```

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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