

Converting Colors

XYZ(57.5529, 65.9064, 72.6323)

Have a look what the booklet for
XYZ(57.5529, 65.9064, 72.6323)
contains.

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Color

**XYZ(57.5915, 65.9062,
72.6366)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BADB D5 |
| RGB | 186, 219, 213 |
| RGB Percent | 73%, 86%, 84% |
| CMY | 0.2706, 0.1412, 0.1647 |
| CMYK | 0.15, 0.00, 0.03, 0.14 |
| HSL | 169°, 31%, 79% |
| HSV | 169°, 15%, 86% |
| XYZ | 57.5915, 65.9062, 72.6366 |
| YIQ | 208.4490, -17.7420, -8.8620 |

Conversions

Conversions Part 2

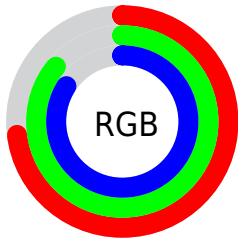
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 186, 204, 219 |
| Decimal | 12245973 |
| CIE Lab | 84.95, -12.02, -0.71 |
| CIE LCh | 85, 12.043, 183.357 |
| Yxy | 65.9062, 0.2936, 0.3360 |
| Android (android.graphics.Color) | 4290436053 (0xFFBADBD5) |
| YUV | 208.4490, 2.2436, -19.6878 |
| Hunter-Lab | 81.1826, -15.4405, 3.7793 |

Details

The XYZ color **57.5915, 65.9062, 72.6366** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.2891, 53.9855, 57.3256**, and the grayscale version is **60.2413, 63.3785, 69.0192**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **28.9627, 33.9251, 37.3694** is the 20% darker color. If you saturate the color by 10%, you get **52.1744, 63.1731, 69.7771**, and if you desaturate by 10%, it is **63.8402, 69.0702, 75.6027**.

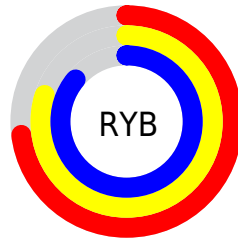
Distribution



Red (73%)

Green (86%)

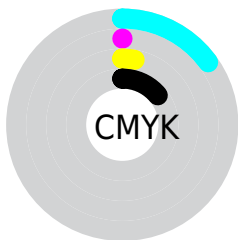
Blue (84%)



Red (73%)

Yellow (80%)

Blue (86%)

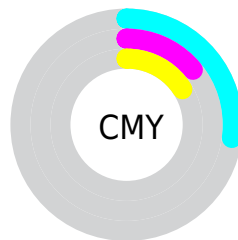


Cyan (15%)

Magenta (0%)

Yellow (3%)

Black (14%)



Cyan (27%)

Magenta (14%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5915, 65.9062, 72.6366 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 57.5915, 65.9062, 72.6366 by changing the saturation by 10% instead.

■ 57.5915, 65.9062,
72.6366

■ 57.5915, 65.9062,
72.6366

405.6405,
446.0413, 488.7913

■ 41.7223, 48.1963,
53.1889

■ 100.4541,
113.3517, 124.6773

■ 29.0741, 33.9823,
37.5648

128.1783,
143.8560, 158.1074

■ 19.2814, 22.8800,
25.3459

160.5848,
179.3940, 197.0352

■ 11.9790, 14.5049,
16.1136

198.0391,
220.3499, 241.8795

■ 6.8015, 8.4727,
9.4493

240.9064,
267.1082, 293.0587

■ 3.3835, 4.3989,
4.9346

289.5522,

■ 1.3597, 1.8991,

320.0533, 350.9914

2.1509

344.3418,
379.5695, 416.0961

■ 0.2272, 0.5478,
0.6458

■ 0.0000, 0.0000,
0.0000

■ 57.5915, 65.9062,
72.6366

■ 57.5915, 65.9062,
72.6366

■ 52.1744, 63.1731,
69.7771

■ 63.8402, 69.0702,
75.6027

■ 47.5462, 60.8434,
67.0175

■ 70.9496, 72.6746,
78.6729

■ 43.6688, 58.8995,
64.3569

■ 78.9544, 76.7392,
81.8508

■ 40.4988, 57.3187,
61.7930

■ 80.7066, 77.5789,
84.8023

■ 37.9881, 56.0764,
59.3228

■ 81.2691, 77.8040,
87.7647

■ 36.0826, 55.1448,
56.9435

■ 81.8446, 78.0341,
90.7948

■ 34.7196, 54.4915,
54.6516

■ 82.4329, 78.2695,
93.8930

■ 33.8222, 54.0768,
52.4431

■ 83.0343, 78.5100,
97.0597

■ 33.4865, 53.9269,
51.3816

■ 83.6487, 78.7558,
100.2954

Harmonies

Analogous

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



58.1068, 65.9062, 65.2858



57.5915, 65.9062, 72.6366



58.3970, 65.9062, 80.2673

Triad

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



57.5915, 65.9062, 72.6366



65.5457, 65.9062, 84.9361



65.0034, 65.9062, 59.2523

Complementary

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



57.5915, 65.9062, 72.6366



56.2891, 53.9855, 57.3256

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.



67.0876, 65.9062, 63.8773



57.5915, 65.9062, 72.6366



67.4070, 65.9062, 78.6500

Square

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



57.5915, 65.9062, 72.6366



62.9470, 65.9062, 87.6825



67.9792, 65.9062, 70.8918



62.3377, 65.9062, 57.8933

Rectangle

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



57.5915, 65.9062, 72.6366



59.5885, 65.9062, 84.3892



67.9792, 65.9062, 70.8918



65.7978, 65.9062, 60.4594

Sweetspot

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



57.5934, 65.9089, 72.6381



90.1426, 97.5130, 106.7330



55.9474, 65.4240, 56.1350



19.1520, 20.7997, 22.7807



0.0000, 0.0000, 0.0000



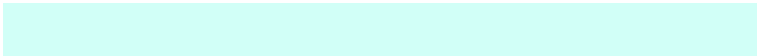
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5934, 65.9089, 72.6381



78.8175, 91.7838, 101.2756



55.7282, 60.9364, 75.8456



13.3380, 14.7868, 16.2426



19.8923, 31.9896, 30.6622



1.3157, 2.0832, 2.1287

Inverse Universe

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



56.2891, 53.9855, 57.3256



76.6479, 71.9432, 75.7988



57.9202, 58.2905, 54.6541



13.1523, 13.0900, 14.0632



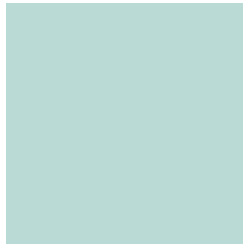
17.5767, 9.0317, 2.1509



1.1680, 0.5968, 0.2934

Previews

White Background



This preview shows how the XYZ color 57.5915, 65.9062, 72.6366 looks on a white background.

Color Contrast Check

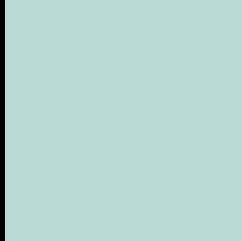
Large Text (above 18pt) WCAG AA × Fail

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 57.5915, 65.9062, 72.6366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

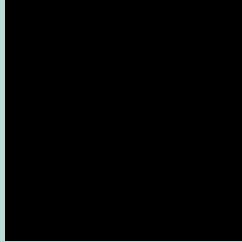
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

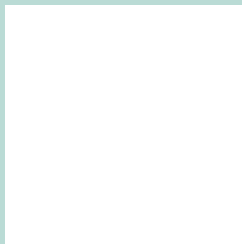
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5915, 65.9062, 72.6366

Background



This preview shows how black text looks on a background with the XYZ color 57.5915, 65.9062, 72.6366.



This preview shows how white text looks on a background with the XYZ color 57.5915, 65.9062,

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

57.5915, 65.9062, 72.6366

Protanopia

62.9983, 65.7415, 69.0435

Deuteranopia

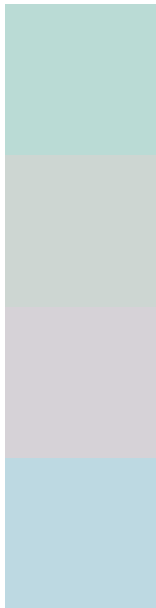
66.8591, 65.4435, 74.0738



Tritanopia

60.4991, 65.9421, 86.6302

Trichromacy



Original Color

57.5915, 65.9062, 72.6366

Protanomaly

60.8563, 65.7254, 70.4516

Deuteranomaly

63.0439, 65.2956, 73.5705

Tritanomaly

59.5266, 65.9355, 81.5409

Monochromacy



Original Color

57.5915, 65.9062, 72.6366

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.9958, 64.0195, 70.2204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5915, 65.9062, 72.6366 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(186, 219, 213)` looks like.

```
.text, #text, p{  
    color:rgb(186, 219, 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(186, 219, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 219, 213) }
```

Border

The CSS property to change the border of an element to XYZ 57.5915, 65.9062, 72.6366 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(186, 219, 213) }
```


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

```
.border{ border-color:rgb(186, 219, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 219, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 219, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 219, 213);  
box-shadow:4px 4px 4px 4px rgb(186, 219,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5915, 65.9062, 72.6366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 219, 213) }
```

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

```
.background{ background-color: rgb(186,  
219, 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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