

Converting Colors

XYZ(57.2067, 63.0339, 77.2095)

Have a look what the booklet for
XYZ(57.2067, 63.0339, 77.2095)
contains.

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Color

**XYZ(57.3337, 62.9988,
77.5448)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD4DD
RGB	188, 212, 221
RGB Percent	74%, 83%, 87%
CMY	0.2627, 0.1686, 0.1333
CMYK	0.15, 0.04, 0.00, 0.13
HSL	196°, 33%, 80%
HSV	196°, 15%, 87%
XYZ	57.3337, 62.9988, 77.5448
YIQ	205.8500, -17.1930, -2.2890

Conversions

Conversions Part 2

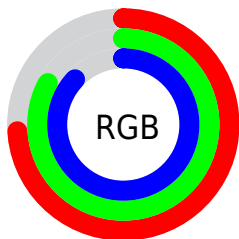
Format	Color
R _Y B	188, 202, 221
Decimal	12375261
CIE Lab	83.44, -6.16, -7.15
CIE LCh	83, 9.441, 229.269
Yxy	62.9988, 0.2897, 0.3184
Android (android.graphics.Color)	4290565341 (0xFFBCD4DD)
YUV	205.8500, 7.4690, -15.6544
Hunter-Lab	79.3718, -9.9623, -2.3650

Details

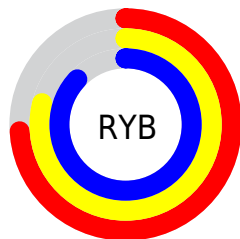
The XYZ color **57.3337, 62.9988, 77.5448** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8627, 58.9355, 55.8515**, and the grayscale version is **58.5334, 61.5817, 67.0625**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **28.7714, 31.9354, 40.7241** is the 20% darker color. If you saturate the color by 10%, you get **50.8230, 57.4495, 76.8178**, and if you desaturate by 10%, it is **64.7380, 69.0955, 78.3323**.

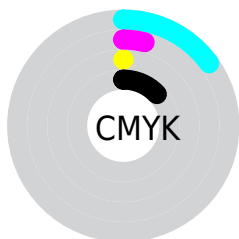
Distribution



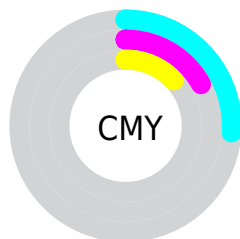
- Red (74%)
- Green (83%)
- Blue (87%)



- Red (74%)
- Yellow (79%)
- Blue (87%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (26%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3337, 62.9988, 77.5448 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 57.3337, 62.9988, 77.5448 by changing the saturation by 10% instead.

■ 57.3337, 62.9988,
77.5448

■ 57.3337, 62.9988,
77.5448

404.6925,
435.5651, 506.1064

■ 41.5144, 45.8402,
57.1859

■ 100.0805,
109.1678, 131.6883

■ 28.9107, 32.1198,
40.7442

127.7387,
138.9470, 166.3099

■ 19.1572, 21.4530,
27.8010

160.0739,
173.7019, 206.5229

■ 11.8886, 13.4555,
17.9380

197.4515,
213.8168, 252.7457

■ 6.7395, 7.7430,
10.7365

240.2368,
259.6762, 305.3969

■ 3.3446, 3.9309,
5.7780

288.7951,

■ 1.3385, 1.6350,

311.6645, 364.8951

2.6440

343.4919,
370.1660, 431.6588

■ 0.2118, 0.3810,
0.9150

■ 0.0000, 0.0000,
0.0000

■ 57.3337, 62.9988,
77.5448

■ 57.3337, 62.9988,
77.5448

■ 50.8230, 57.4495,
76.8178

■ 64.7380, 69.0955,
78.3323

■ 45.1619, 52.4191,
76.1452

■ 73.0664, 75.7513,
79.1781

■ 40.3110, 47.8880,
75.5263

■ 82.3546, 82.9871,
80.0852

■ 36.2254, 43.8322,
74.9588

■ 84.3174, 86.5326,
80.6661

■ 32.8554, 40.2250,
74.4402

■ 86.0826, 90.0631,
81.2545

■ 30.1453, 37.0368,
73.9676

■ 87.9070, 93.7119,
81.8626

■ 28.0305, 34.2334,
73.5380

■ 89.7911, 97.4800,
82.4906

■ 26.4319, 31.7729,
73.1473

■ 90.0513, 98.0005,
82.5774

■ 25.7521, 30.6221,
72.9610

Harmonies

Analogous

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



56.2207, 62.9988, 72.4026



57.3337, 62.9988, 77.5448



59.1448, 62.9988, 80.3412

Triad

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



57.3337, 62.9988, 77.5448



63.8505, 62.9988, 70.7266



58.5823, 62.9988, 58.4449

Complementary

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



57.3337, 62.9988, 77.5448



58.8627, 58.9355, 55.8515

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.



60.6182, 62.9988, 58.0534



57.3337, 62.9988, 77.5448



63.6916, 62.9988, 64.9232

Square

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



57.3337, 62.9988, 77.5448



62.9270, 62.9988, 76.2576



62.4974, 62.9988, 60.3617



56.9301, 62.9988, 61.4637

Rectangle

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



57.3337, 62.9988, 77.5448



60.5180, 62.9988, 80.3970



62.4974, 62.9988, 60.3617



59.2435, 62.9988, 58.0084

Sweetspot

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



57.3355, 63.0014, 77.5462



90.5157, 96.3550, 108.4354



56.6518, 66.4275, 62.5404



19.1966, 20.4803, 23.1913



0.0000, 0.0000, 0.0000



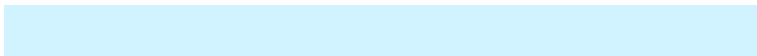
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3355, 63.0014, 77.5462



76.2697, 84.5837, 106.9142



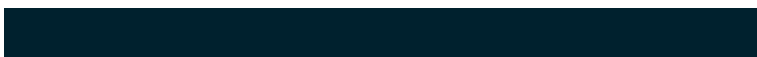
53.4637, 55.2578, 76.2556



13.1291, 14.1979, 16.7006



15.0583, 17.9861, 42.4164



1.0458, 1.3057, 2.7714

Inverse Universe

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



59.6872, 56.0935, 69.9716



80.1651, 73.3501, 94.3203



62.7668, 66.7437, 57.1529



13.4550, 13.2111, 15.6573



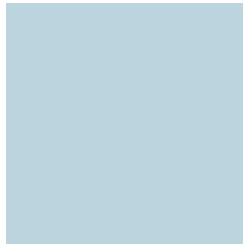
21.0961, 10.4395, 20.6838



1.4022, 0.6905, 1.5267

Previews

White Background



This preview shows how the XYZ color 57.3337, 62.9988, 77.5448 looks on a white background.

Color Contrast Check

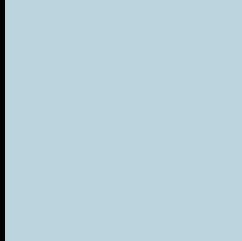
Large Text (above 18pt) WCAG AA × Fail

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 57.3337, 62.9988, 77.5448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

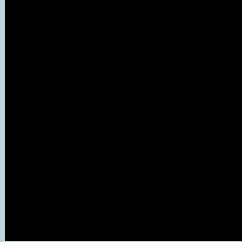
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3337, 62.9988, 77.5448

Background



This preview shows how black text looks on a background with the XYZ color 57.3337, 62.9988, 77.5448.

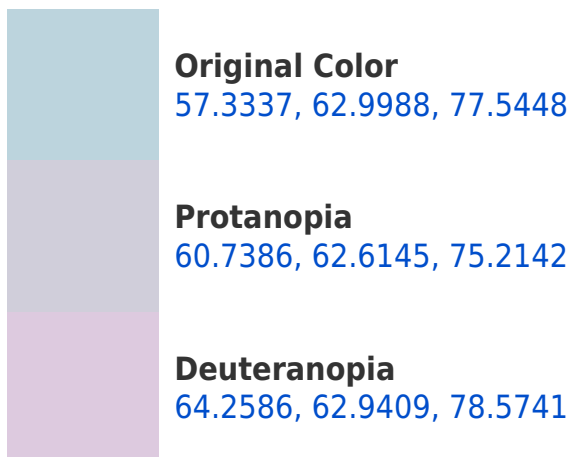


This preview shows how white text looks on a background with the XYZ color 57.3337, 62.9988,

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





Tritanopia

58.2841, 63.0088, 82.4888

Trichromacy



Original Color

57.3337, 62.9988, 77.5448

Protanomaly

59.4295, 62.6437, 75.9770

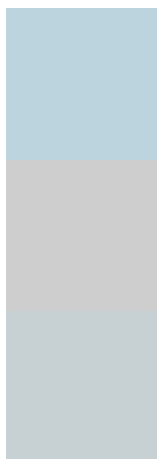
Deuteranomaly

61.5506, 62.9718, 78.0180

Tritanomaly

57.8711, 62.8436, 80.3141

Monochromacy



Original Color

57.3337, 62.9988, 77.5448

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.8669, 61.9570, 70.5370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3337, 62.9988, 77.5448 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(188, 212, 221)` looks like.

```
.text, #text, p{  
    color:rgb(188, 212, 221)  
}
```

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(188, 212, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 212, 221) }
```

Border

The CSS property to change the border of an element to XYZ 57.3337, 62.9988, 77.5448 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(188, 212, 221) }
```


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

```
.border{ border-color:rgb(188, 212, 221) }
```

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

Here you see how a box with a 4 pixel rgb(188, 212, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 212, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 212, 221);  
box-shadow:4px 4px 4px 4px rgb(188, 212,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3337, 62.9988, 77.5448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 212, 221) }
```

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

```
.background{ background-color: rgb(188,  
212, 221) }
```

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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