

Converting Colors

XYZ(57.4810, 62.7193, 73.4820)

Have a look what the booklet for
XYZ(57.4810, 62.7193, 73.4820)
contains.

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Color

**XYZ(57.5523, 62.8323,
73.3845)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D3D7
RGB	193, 211, 215
RGB Percent	76%, 83%, 84%
CMY	0.2431, 0.1725, 0.1569
CMYK	0.10, 0.02, 0.00, 0.16
HSL	191°, 22%, 80%
HSV	191°, 10%, 84%
XYZ	57.5523, 62.8323, 73.3845
YIQ	206.0740, -12.0120, -2.5720

Conversions

Conversions Part 2

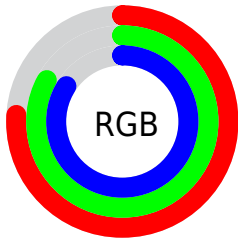
Format	Color
R_{YB}	193, 203, 215
Decimal	12702679
CIE _{Lab}	83.35, -5.25, -4.05
CIE _{LCh}	83, 6.629, 217.684
Yxy	62.8323, 0.2970, 0.3243
Android (android.graphics.Color)	4290892759 (0xFFC1D3D7)
YUV	206.0740, 4.4005, -11.4659
Hunter-Lab	79.2668, -9.1156, 0.5966

Details

The XYZ color **57.5523, 62.8323, 73.3845** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6165, 58.2294, 58.6557**, and the grayscale version is **58.6933, 61.7499, 67.2457**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **29.0496, 32.1410, 37.9305** is the 20% darker color. If you saturate the color by 10%, you get **51.5067, 58.2943, 72.8282**, and if you desaturate by 10%, it is **64.4219, 67.8335, 73.9888**.

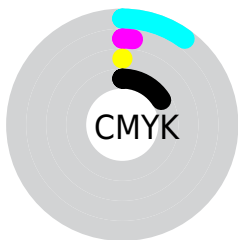
Distribution



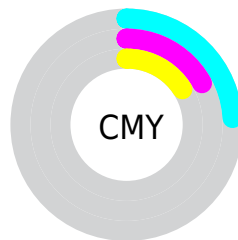
- Red (76%)
- Green (83%)
- Blue (84%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5523, 62.8323, 73.3845 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 57.5523, 62.8323, 73.3845 by changing the saturation by 10% instead.

■ 57.5523, 62.8323,
73.3845

■ 57.5523, 62.8323,
73.3845

405.4964,
434.9606, 491.4528

■ 41.6907, 45.7056,
53.7967

■ 100.3973,
108.9275, 125.7489

■ 29.0492, 32.0135,
38.0471

128.1115,
138.6648, 159.3625

■ 19.2625, 21.3718,
25.7171

160.5072,
173.3744, 198.4885

■ 11.9653, 13.3961,
16.3883

197.9498,
213.4407, 243.5454

■ 6.7921, 7.7018,
9.6420

240.8047,
259.2480, 294.9518

■ 3.3776, 3.9048,
5.0598

289.4372,

■ 1.3564, 1.6204,

311.1809, 353.1261

2.2230

344.2126,
369.6236, 418.4869

■ 0.2249, 0.3713,
0.6876

■ 0.0000, 0.0000,
0.0000

■ 57.5523, 62.8323,
73.3845

■ 57.5523, 62.8323,
73.3845

■ 51.5067, 58.2943,
72.8282

■ 64.4219, 67.8335,
73.9888

■ 46.2454, 54.1936,
72.3140

■ 72.1424, 73.3070,
74.6383

■ 41.7331, 50.5135,
71.8415

■ 79.8195, 78.7936,
75.2927

■ 37.9300, 47.2334,
71.4088

■ 80.8735, 80.9015,
75.6440

■ 34.7925, 44.3303,
71.0138

■ 81.9517, 83.0579,
76.0034

■ 32.2716, 41.7790,
70.6542

■ 83.0543, 85.2631,
76.3710

■ 30.3120, 39.5504,
70.3274

■ 84.1814, 87.5173,
76.7467

■ 28.8475, 37.6104,
70.0301

■ 85.3332, 89.8209,
77.1306

■ 27.7799, 35.9343,
69.7628

■ 86.5098, 92.1742,
77.5228

Harmonies

Analogous

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



57.0139, 62.8323, 69.4811



57.5523, 62.8323, 73.3845



58.6734, 62.8323, 76.0272

Triad

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



57.5523, 62.8323, 73.3845



62.3226, 62.8323, 71.4740



59.3502, 62.8323, 60.8408

Complementary

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



57.5523, 62.8323, 73.3845



57.6165, 58.2294, 58.6557

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.



60.7795, 62.8323, 61.3263



57.5523, 62.8323, 73.3845



62.5109, 62.8323, 67.3573

Square

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



57.5523, 62.8323, 73.3845



61.4316, 62.8323, 74.8936



61.9419, 62.8323, 63.6726



58.0410, 62.8323, 62.3188

Rectangle

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



57.5523, 62.8323, 73.3845



59.6082, 62.8323, 76.6602



61.9419, 62.8323, 63.6726



59.8324, 62.8323, 60.7809

Sweetspot

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



57.5541, 62.8349, 73.3859



91.8496, 97.6943, 108.6236



56.3336, 63.9553, 61.9998



19.4806, 20.7810, 23.2343



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.



57.5541, 62.8349, 73.3859



82.9267, 91.1555, 107.8318



54.9906, 57.7079, 72.5314



12.5914, 13.7063, 15.9195



16.6870, 21.6357, 41.7498



1.0576, 1.4072, 2.5352

Inverse Universe

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



58.8536, 57.2913, 69.5876



85.1710, 81.6537, 101.2552



60.1256, 63.2477, 59.4921



12.8517, 12.5922, 15.1594



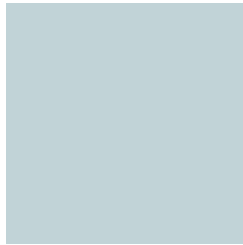
21.4817, 10.5290, 25.6383



1.3215, 0.6454, 1.6822

Previews

White Background



This preview shows how the XYZ color 57.5523, 62.8323, 73.3845 looks on a white background.

Color Contrast Check

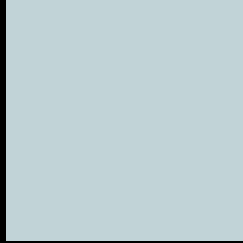
Large Text (above 18pt) WCAG AA × Fail

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 57.5523, 62.8323, 73.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

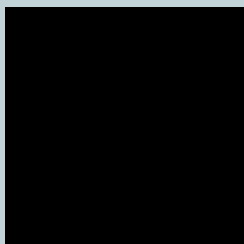
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

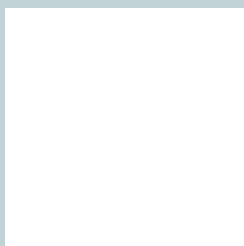
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5523, 62.8323, 73.3845

Background



This preview shows how black text looks on a background with the XYZ color 57.5523, 62.8323, 73.3845.



This preview shows how white text looks on a background with the XYZ color 57.5523, 62.8323,

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

57.5523, 62.8323, 73.3845

Protanopia

60.5333, 62.5977, 71.1795

Deuteranopia

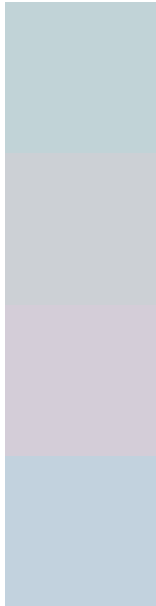
63.8425, 62.4710, 74.3389



Tritanopia

59.0336, 62.6940, 80.9413

Trichromacy



Original Color

57.5523, 62.8323, 73.3845

Protanomaly

59.4680, 62.7532, 71.9291

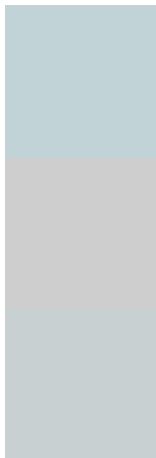
Deuteranomaly

61.3774, 62.6176, 73.8172

Tritanomaly

58.4795, 62.8364, 78.1537

Monochromacy



Original Color

57.5523, 62.8323, 73.3845

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.1519, 62.1327, 69.2495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5523, 62.8323, 73.3845 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(193, 211, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 211, 215)  
}
```

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(193, 211, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 211, 215) }
```

Border

The CSS property to change the border of an element to XYZ 57.5523, 62.8323, 73.3845 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(193, 211, 215) }
```


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

```
.border{ border-color:rgb(193, 211, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 211, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 211, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 211, 215);  
box-shadow:4px 4px 4px 4px rgb(193, 211,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5523, 62.8323, 73.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 211, 215) }
```

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

```
.background{ background-color: rgb(193,  
211, 215) }
```

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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