

Converting Colors

XYZ(58.5403, 64.7837, 73.6135)

Have a look what the booklet for
XYZ(58.5403, 64.7837, 73.6135)
contains.

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Color

**XYZ(58.5585, 64.8446,
73.7199)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D7D7
RGB	193, 215, 215
RGB Percent	76%, 84%, 84%
CMY	0.2431, 0.1568, 0.1569
CMYK	0.10, 0.00, 0.00, 0.16
HSL	180°, 22%, 80%
HSV	180°, 10%, 84%
XYZ	58.5585, 64.8446, 73.7199
YIQ	208.4220, -13.1120, -4.6640

Conversions

Conversions Part 2

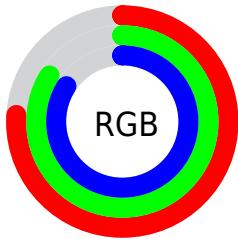
Format	Color
RYB	193, 204, 215
Decimal	12703703
CIELab	84.40, -7.32, -2.51
CIELCh	84, 7.737, 198.925
Yxy	64.8446, 0.2971, 0.3290
Android (android.graphics.Color)	4290893783 (0xFFC1D7D7)
YUV	208.4220, 3.2430, -13.5251
Hunter-Lab	80.5261, -11.1158, 2.0896

Details

The XYZ color **58.5585, 64.8446, 73.7199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7223, 56.4390, 58.3592**, and the grayscale version is **60.2153, 63.3512, 68.9894**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **29.5634, 33.1686, 38.1017** is the 20% darker color. If you saturate the color by 10%, you get **53.4712, 62.2238, 73.4811**, and if you desaturate by 10%, it is **64.4464, 67.8816, 73.9988**.

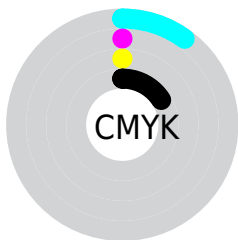
Distribution



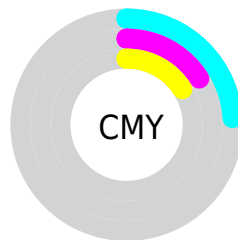
- Red (76%)
- Green (84%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5585, 64.8446, 73.7199 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 58.5585, 64.8446, 73.7199 by changing the saturation by 10% instead.

■ 58.5585, 64.8446,
73.7199

■ 58.5585, 64.8446,
73.7199

409.1842,
442.2333, 492.6436

■ 42.5028, 47.3351,
54.0694

■ 101.8540,
111.8264, 126.2290

■ 29.6880, 33.3006,
38.2636

129.8246,
142.0675, 159.9248

■ 19.7488, 22.3568,
25.8839

162.4974,
177.3212, 199.1393

■ 12.3198, 14.1193,
16.5118

200.2380,
217.9720, 244.2913

■ 7.0356, 8.2037,
9.7288

243.4116,
264.4042, 295.7992

■ 3.5309, 4.2256,
5.1163

292.3836,

■ 1.4403, 1.8005,

317.0022, 354.0815

2.2557

347.5194,
376.1505, 419.5568

■ 0.2847, 0.4875,
0.7062

■ 0.0000, 0.0000,
0.0000

■ 58.5585, 64.8446,
73.7199

■ 58.5585, 64.8446,
73.7199

■ 53.4712, 62.2238,
73.4811

■ 64.4464, 67.8816,
73.9988

■ 49.1446, 59.9934,
73.2766

■ 71.1613, 71.3433,
74.3151

■ 45.5440, 58.1373,
73.1061

■ 77.8087, 74.7701,
74.6282

■ 42.6294, 56.6348,
72.9677

■ 77.8091, 74.7702,
74.6303

■ 40.3574, 55.4636,
72.8593

■ 77.8095, 74.7704,
74.6323

■ 38.6795, 54.5986,
72.7788

■ 77.8099, 74.7705,
74.6344

■ 37.5402, 54.0113,
72.7234

■ 77.8103, 74.7707,
74.6364

■ 36.8737, 53.6678,
72.6902

■ 77.8107, 74.7709,
74.6385

■ 36.5641, 53.5082,
72.6737

■ 77.8111, 74.7710,
74.6405

Harmonies

Analogous

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



58.4454, 64.8446, 68.8017



58.5585, 64.8446, 73.7199



59.4863, 64.8446, 77.9846

Triad

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



58.5585, 64.8446, 73.7199



64.1585, 64.8446, 77.0095



62.2700, 64.8446, 61.7156

Complementary

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



58.5585, 64.8446, 73.7199



56.7223, 56.4390, 58.3592

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.



63.8304, 64.8446, 63.7058



58.5585, 64.8446, 73.7199



64.9342, 64.8446, 72.4390

Square

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



58.5585, 64.8446, 73.7199



62.7112, 64.8446, 79.9440



64.8130, 64.8446, 67.5786



60.5669, 64.8446, 62.0227

Rectangle

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



58.5585, 64.8446, 73.7199



60.4518, 64.8446, 79.8121



64.8130, 64.8446, 67.5786



62.8292, 64.8446, 62.1343

Sweetspot

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



58.5604, 64.8473, 73.7213



92.2912, 98.5778, 108.7700



56.0139, 63.8395, 59.8232



19.6003, 21.0204, 23.2740



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.



58.5604, 64.8473, 73.7213



84.6739, 94.6510, 108.4108



55.9401, 59.6061, 72.8499



12.7922, 14.1079, 15.9860



21.8687, 32.0028, 43.4657



1.3190, 1.9303, 2.6218

Inverse Universe

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



56.7223, 56.4390, 58.3592



81.5127, 80.1904, 81.9909



59.1581, 61.3113, 59.1695



12.4234, 12.4208, 12.9038



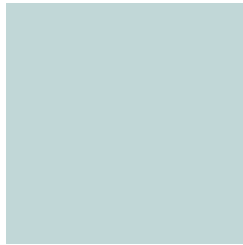
16.7621, 8.6411, 0.7851



1.0110, 0.5212, 0.0475

Previews

White Background



This preview shows how the XYZ color 58.5585, 64.8446, 73.7199 looks on a white background.

Color Contrast Check

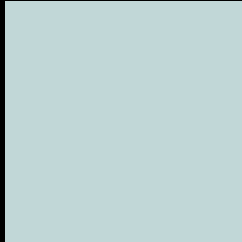
Large Text (above 18pt) WCAG AA × Fail

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 58.5585, 64.8446, 73.7199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

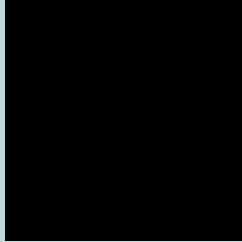
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

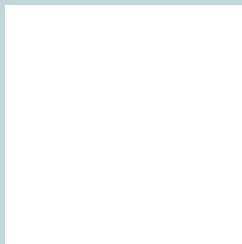
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5585, 64.8446, 73.7199

Background



This preview shows how black text looks on a background with the XYZ color 58.5585, 64.8446, 73.7199.



This preview shows how white text looks on a background with the XYZ color 58.5585, 64.8446,

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

58.5585, 64.8446, 73.7199

Protanopia

62.1247, 64.5005, 71.4629

Deuteranopia

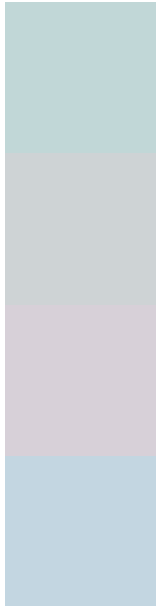
65.7958, 64.5264, 74.6327



Tritanopia

60.8421, 65.0374, 84.2097

Trichromacy



Original Color

58.5585, 64.8446, 73.7199

Protanomaly

60.7581, 64.5144, 72.2010

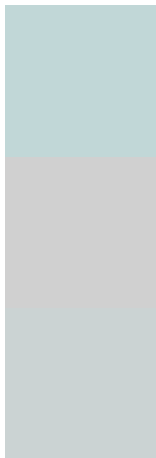
Deuteranomaly

62.9749, 64.5167, 74.0996

Tritanomaly

60.1429, 65.1315, 80.6359

Monochromacy



Original Color

58.5585, 64.8446, 73.7199

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.6807, 63.9882, 70.8335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5585, 64.8446, 73.7199 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, 215, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 215, 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, 215, 215) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 58.5585, 64.8446, 73.7199 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, 215, 215) }
```


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

```
.border{ border-color:rgb(193, 215, 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, 215, 215)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 58.5585, 64.8446, 73.7199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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