

Converting Colors

XYZ(62.0198, 66.6290, 73.8819)

Have a look what the booklet for
XYZ(62.0198, 66.6290, 73.8819)
contains.

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Color

**XYZ(62.0198, 66.6290,
73.8819)**

Conversions

Conversions Part 1

Format	Color
Hex	CED7D7
RGB	206, 215, 215
RGB Percent	81%, 84%, 84%
CMY	0.1922, 0.1568, 0.1569
CMYK	0.04, 0.00, 0.00, 0.16
HSL	180°, 10%, 83%
HSV	180°, 4%, 84%
XYZ	62.0198, 66.6290, 73.8819
YIQ	212.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

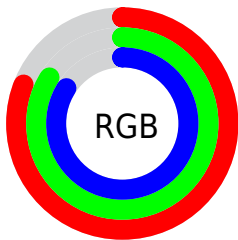
Format	Color
R_{YB}	206, 211, 215
Decimal	13555671
CIE _{Lab}	85.32, -3.03, -1.06
CIE _{LCh}	85, 3.212, 199.355
Yxy	66.6290, 0.3062, 0.3290
Android (android.graphics.Color)	4291745751 (0xFFCED7D7)
YUV	212.3090, 1.3267, -5.5330
Hunter-Lab	81.6266, -7.2224, 3.4740

Details

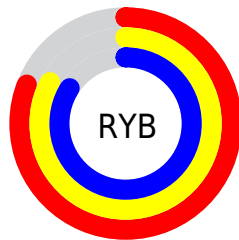
The XYZ color **62.0198, 66.6290, 73.8819** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2387, 63.0477, 67.3375**, and the grayscale version is **62.7804, 66.0499, 71.9284**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8649, 34.3551, 38.2094** is the 20% darker color. If you saturate the color by 10%, you get **56.4540, 63.7617, 73.6173**, and if you desaturate by 10%, it is **68.4059, 69.9229, 74.1876**.

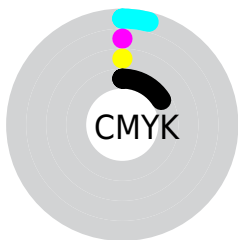
Distribution



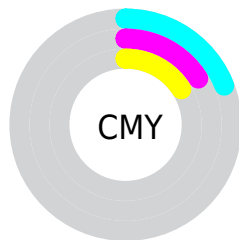
- Red (81%)
- Green (84%)
- Blue (84%)



- Red (81%)
- Yellow (83%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0198, 66.6290, 73.8819 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 62.0198, 66.6290, 73.8819 by changing the saturation by 10% instead.

■ 62.0198, 66.6290,
73.8819

■ 62.0198, 66.6290,
73.8819

421.7197,
448.6230, 493.2182

■ 45.3044, 48.7832,
54.2012

106.8439,
114.3886, 126.4609

■ 31.8995, 34.4475,
38.3683

135.6833,
145.0713, 160.1962

■ 21.4399, 23.2376,
25.9646

169.2947,
180.8016, 199.4535

■ 13.5603, 14.7691,
16.5716

208.0435,
221.9641, 244.6513

■ 7.8951, 8.6575,
9.7708

252.2951,
268.9431, 296.2081

■ 4.0791, 4.5184,
5.1437

302.4147,

■ 1.7470, 1.9676,

322.1230, 354.5425

2.2716

358.7678,
381.8882, 420.0730

■ 0.4854, 0.5885,
0.7152

■ 0.0000, 0.0000,
0.0000

■ 62.0198, 66.6290,
73.8819

■ 62.0198, 66.6290,
73.8819

■ 56.4540, 63.7617,
73.6173

■ 68.4059, 69.9229,
74.1876

■ 51.6699, 61.2955,
73.3879

■ 75.6376, 73.6508,
74.5315

■ 47.6342, 59.2152,
73.1936

■ 77.8108, 74.7711,
74.6387

■ 44.3091, 57.5012,
73.0325

■ 77.8119, 74.7715,
74.6443

41.6534, 56.1322,
72.9027

77.8129, 74.7719,
74.6498

39.6218, 55.0850,
72.8022

77.8140, 74.7723,
74.6553

38.1633, 54.3332,
72.7284

77.8150, 74.7727,
74.6609

37.2189, 53.8465,
72.6787

77.8161, 74.7732,
74.6664

36.7169, 53.5878,
72.6498

77.8171, 74.7736,
74.6719

Harmonies

Analogous

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



61.9657, 66.6290, 71.8110



62.0198, 66.6290, 73.8819



62.4232, 66.6290, 75.6263

Triad

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



62.0198, 66.6290, 73.8819



64.3949, 66.6290, 75.1853



63.5873, 66.6290, 68.6858

Complementary

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



62.0198, 66.6290, 73.8819



61.2387, 63.0477, 67.3375

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.



64.2433, 66.6290, 69.5537



62.0198, 66.6290, 73.8819



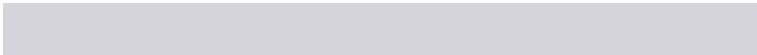
64.7119, 66.6290, 73.2893

Square

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



62.0198, 66.6290, 73.8819



63.7930, 66.6290, 76.3887



64.6562, 66.6290, 71.2296



62.8669, 66.6290, 68.8376

Rectangle

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



62.0198, 66.6290, 73.8819



62.8375, 66.6290, 76.3568



64.6562, 66.6290, 71.2296



63.8227, 66.6290, 68.8673

Sweetspot

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



62.0217, 66.6318, 73.8834



94.1179, 99.5195, 108.8556



60.9382, 66.2033, 67.9603



20.1549, 21.3063, 23.3000



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.



62.0217, 66.6318, 73.8834



90.5130, 97.6612, 108.6836



60.9287, 64.4451, 73.5212



13.2575, 14.3478, 16.0075



21.8648, 32.0013, 43.4452



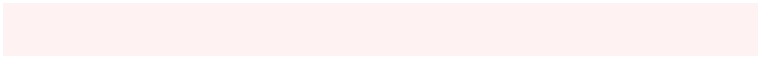
1.3188, 1.9302, 2.6208

Inverse Universe

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



61.2387, 63.0477, 67.3375



89.1319, 91.3393, 97.1377



62.3005, 65.1719, 67.6894



13.0307, 13.3094, 14.1112



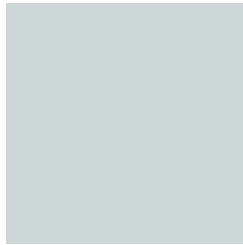
16.7623, 8.6412, 0.7863



1.0111, 0.5212, 0.0478

Previews

White Background



This preview shows how the XYZ color 62.0198, 66.6290, 73.8819 looks on a white background.

Color Contrast Check

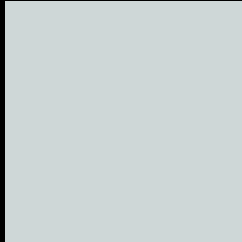
Large Text (above 18pt) WCAG AA × Fail

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 62.0198, 66.6290, 73.8819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

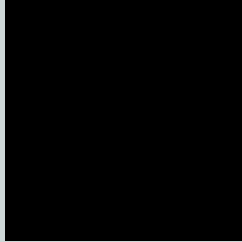
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

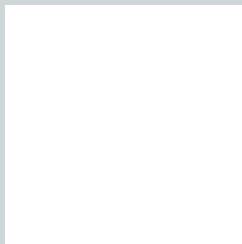
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0198, 66.6290, 73.8819

Background



This preview shows how black text looks on a background with the XYZ color 62.0198, 66.6290, 73.8819.

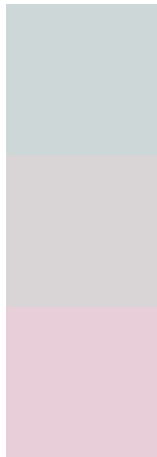


This preview shows how white text looks on a background with the XYZ color 62.0198, 66.6290,

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

62.0198, 66.6290, 73.8819

Protanopia

64.1690, 66.6428, 72.4321

Deuteranopia

67.8744, 66.3082, 74.8670



Tritanopia

64.0896, 66.7116, 84.3616

Trichromacy



Original Color

62.0198, 66.6290, 73.8819

Protanomaly

63.3724, 66.5897, 73.1313

Deuteranomaly

65.6266, 66.2468, 74.2938

Tritanomaly

63.3693, 66.7948, 80.7869

Monochromacy



Original Color

62.0198, 66.6290, 73.8819

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.3828, 66.0942, 72.4203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0198, 66.6290, 73.8819 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(206, 215, 215) looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 215, 215) }
```

Border

The CSS property to change the border of an element to XYZ 62.0198, 66.6290, 73.8819 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(206, 215, 215) }
```


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

```
.border{ border-color:rgb(206, 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(206, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(206, 215,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0198, 66.6290, 73.8819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 215, 215) }
```

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

```
.background{ background-color: rgb(206,  
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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