

Converting Colors

XYZ(60.1833, 62.4537, 72.8908)

Have a look what the booklet for
XYZ(60.1833, 62.4537, 72.8908)
contains.

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Color

**XYZ(60.0692, 62.3143,
73.1519)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCED7
RGB	207, 206, 215
RGB Percent	81%, 81%, 84%
CMY	0.1882, 0.1921, 0.1569
CMYK	0.04, 0.04, 0.00, 0.16
HSL	247°, 10%, 83%
HSV	247°, 4%, 84%
XYZ	60.0692, 62.3143, 73.1519
YIQ	207.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

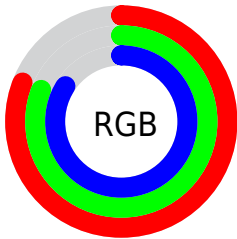
Format	Color
R _Y B	207, 206, 215
Decimal	13618903
CIE Lab	83.08, 2.01, -4.34
CIE LCh	83, 4.783, 294.886
Yxy	62.3143, 0.3072, 0.3187
Android (android.graphics.Color)	4291808983 (0xFFCFCED7)
YUV	207.3250, 3.7838, -0.2850
Hunter-Lab	78.9394, -2.3138, 0.3145

Details

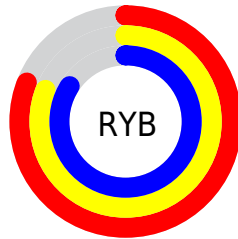
The XYZ color **60.0692, 62.3143, 73.1519** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1749, 67.3549, 68.0667**, and the grayscale version is **59.4966, 62.5951, 68.1661**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7103, 31.7668, 37.7707** is the 20% darker color. If you saturate the color by 10%, you get **50.2219, 50.0740, 71.3092**, and if you desaturate by 10%, it is **71.2749, 76.3093, 75.2635**.

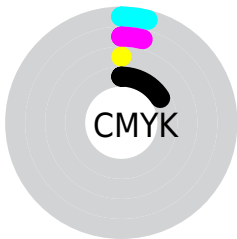
Distribution



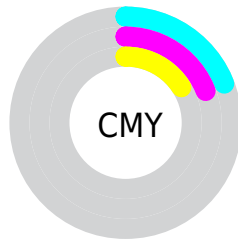
- Red (81%)
- Green (81%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0692, 62.3143, 73.1519 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 60.0692, 62.3143, 73.1519 by changing the saturation by 10% instead.

■ 60.0692, 62.3143,
73.1519

■ 60.0692, 62.3143,
73.1519

414.6834,
433.0766, 490.6260

■ 43.7241, 45.2867,
53.6076

104.0358,
108.1797, 125.4157

■ 30.6506, 31.6833,
37.8970

132.3880,
137.7862, 158.9724

■ 20.4835, 21.1197,
25.6015

165.4733,
172.3545, 198.0368

■ 12.8573, 13.2115,
16.3027

203.6571,
212.2690, 243.0277

■ 7.4067, 7.5744,
9.5819

247.3046,
257.9141, 294.3635

■ 3.7663, 3.8238,
5.0207

296.7813,

■ 1.5708, 1.5755,

309.6741, 352.4628

2.2005

352.4524,
367.9335, 417.7441

■ 0.3732, 0.3410,
0.6746

■ 0.0000, 0.0000,
0.0000

■ 60.0692, 62.3143,
73.1519

■ 60.0692, 62.3143,
73.1519

■ 50.2219, 50.0740,
71.3092

■ 71.2749, 76.3093,
75.2635

■ 41.6759, 39.5115,
69.7209

■ 83.8823, 92.1161,
77.6501

■ 34.3783, 30.5559,
68.3769

■ 89.2659, 97.6864,
78.4415

■ 28.2703, 23.1282,
67.2651

■ 23.2884, 17.1427,
66.3724

■ 19.3632, 12.5052,
65.6842

■ 16.4172, 9.1102,
65.1841

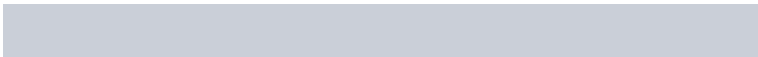
■ 14.3625, 6.8365,
64.8536

■ 13.0947, 5.5380,
64.6697

Harmonies

Analogous

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



59.0507, 62.3143, 73.6857



60.0692, 62.3143, 73.1519



60.8706, 62.3143, 71.1808

Triad

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



60.0692, 62.3143, 73.1519



60.3799, 62.3143, 63.2938



57.2679, 62.3143, 67.3429

Complementary

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



60.0692, 62.3143, 73.1519



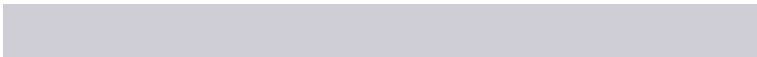
63.1749, 67.3549, 68.0667

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.



57.6150, 62.3143, 64.6241



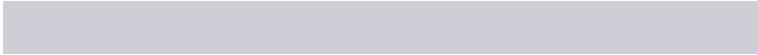
60.0692, 62.3143, 73.1519



59.4054, 62.3143, 62.3302

Square

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



60.0692, 62.3143, 73.1519



61.0514, 62.3143, 65.4796



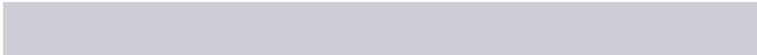
58.3944, 62.3143, 62.8101



57.4410, 62.3143, 70.2762

Rectangle

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



60.0692, 62.3143, 73.1519



61.1698, 62.3143, 69.3465



58.3944, 62.3143, 62.8101



57.3275, 62.3143, 66.3745

Sweetspot

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



60.0710, 62.3170, 73.1533



93.4126, 97.9563, 108.5918



61.7932, 66.1736, 73.8069



20.0114, 20.9882, 23.2464



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.



60.0710, 62.3170, 73.1533



87.0679, 90.0460, 107.3994



61.3179, 62.9598, 73.2116



12.6914, 13.0969, 15.7966



7.6036, 3.0723, 38.6454



0.5026, 0.2080, 2.3330

Inverse Universe

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



62.2354, 63.4475, 72.5879



90.8899, 92.0425, 106.3954



61.9076, 66.7016, 68.0074



13.3193, 13.4249, 15.6310



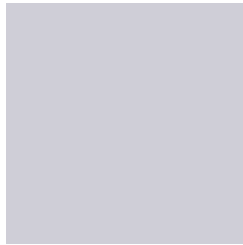
22.4229, 10.9055, 30.5945



1.3697, 0.6647, 1.9364

Previews

White Background



This preview shows how the XYZ color 60.0692, 62.3143, 73.1519 looks on a white background.

Color Contrast Check

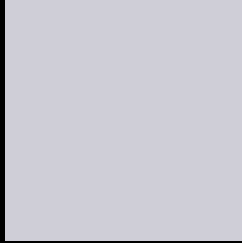
Large Text (above 18pt) WCAG AA × Fail

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 60.0692, 62.3143, 73.1519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

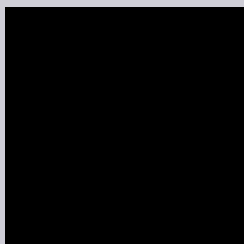
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

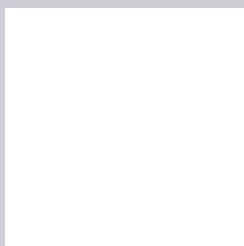
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0692, 62.3143, 73.1519

Background



This preview shows how black text looks on a background with the XYZ color 60.0692, 62.3143, 73.1519.

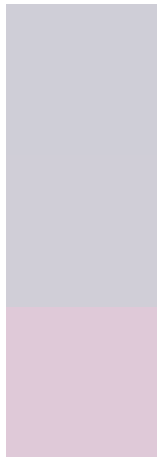


This preview shows how white text looks on a background with the XYZ color 60.0692, 62.3143,

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

60.0692, 62.3143, 73.1519

Protanopia

60.3495, 62.4588, 73.1650

Deuteranopia

63.7127, 62.4191, 73.6558



Tritanopia

60.8949, 62.2930, 77.2209

Trichromacy



Original Color

60.0692, 62.3143, 73.1519

Protanomaly

60.3495, 62.4588, 73.1650

Deuteranomaly

62.3659, 62.4215, 73.7273

Tritanomaly

60.6299, 62.1870, 75.8256

Monochromacy



Original Color

60.0692, 62.3143, 73.1519

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6778, 62.5442, 69.8996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0692, 62.3143, 73.1519 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(207, 206, 215) looks like.

```
.text, #text, p{  
    color:rgb(207, 206, 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(207, 206, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 206, 215) }
```

Border

The CSS property to change the border of an element to XYZ 60.0692, 62.3143, 73.1519 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(207, 206, 215) }
```


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

```
.border{ border-color:rgb(207, 206, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 206, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 206, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 206, 215);  
box-shadow:4px 4px 4px 4px rgb(207, 206,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0692, 62.3143, 73.1519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 206, 215) }
```

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

```
.background{ background-color: rgb(207,  
206, 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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