

Converting Colors

XYZ(60.2888, 65.0600, 72.5687)

Have a look what the booklet for
XYZ(60.2888, 65.0600, 72.5687)
contains.

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Color

**XYZ(60.1616, 64.9492,
72.3164)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD5D5
RGB	202, 213, 213
RGB Percent	79%, 84%, 84%
CMY	0.2078, 0.1647, 0.1647
CMYK	0.05, 0.00, 0.00, 0.16
HSL	180°, 12%, 81%
HSV	180°, 5%, 84%
XYZ	60.1616, 64.9492, 72.3164
YIQ	209.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

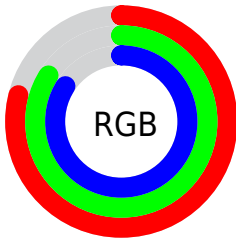
Format	Color
R_{YB}	202, 208, 213
Decimal	13293013
CIE _{Lab}	84.46, -3.70, -1.29
CIE _{LCh}	84, 3.924, 199.267
Yxy	64.9492, 0.3047, 0.3290
Android (android.graphics.Color)	4291483093 (0xFFCAD5D5)
YUV	209.7110, 1.6215, -6.7625
Hunter-Lab	80.5911, -7.7833, 3.2113

Details

The XYZ color **60.1616, 64.9492, 72.3164** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2241, 60.6531, 64.4659**, and the grayscale version is **61.0634, 64.2435, 69.9612**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6112, 33.2182, 37.1461** is the 20% darker color. If you saturate the color by 10%, you get **54.7911, 62.1825, 72.0619**, and if you desaturate by 10%, it is **66.3313, 68.1315, 72.6110**.

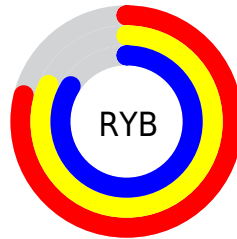
Distribution



Red (79%)

Green (84%)

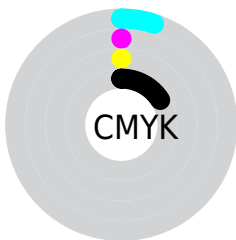
Blue (84%)



Red (79%)

Yellow (82%)

Blue (84%)

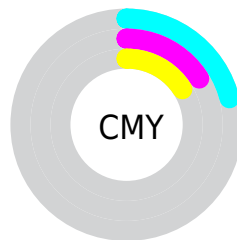


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (21%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1616, 64.9492, 72.3164 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 60.1616, 64.9492, 72.3164 by changing the saturation by 10% instead.

■ 60.1616, 64.9492,
72.3164

■ 60.1616, 64.9492,
72.3164

415.0184,
442.6094, 487.6492

■ 43.7989, 47.4199,
52.9288

104.1691,
111.9768, 124.2182

■ 30.7096, 33.3677,
37.3586

132.5445,
142.2439, 157.5694

■ 20.5286, 22.4083,
25.1873

165.6549,
177.5257, 196.4122

■ 12.8903, 14.1572,
15.9963

203.8656,
218.2067, 241.1651

■ 7.4296, 8.2301,
9.3672

247.5419,
264.6711, 292.2468

■ 3.7809, 4.2425,
4.8814

297.0492,

■ 1.5789, 1.8101,

317.3034, 350.0757

2.1203

352.7529,
376.4881, 415.0703

■ 0.3786, 0.4935,
0.6278

■ 0.0000, 0.0000,
0.0000

■ 60.1616, 64.9492,
72.3164

■ 60.1616, 64.9492,
72.3164

■ 54.7911, 62.1825,
72.0619

■ 66.3313, 68.1315,
72.6110

■ 50.1818, 59.8064,
71.8417

■ 73.3253, 71.7369,
72.9428

■ 46.3011, 57.8060,
71.6556

■ 77.0485, 73.6562,
73.1215

■ 43.1117, 56.1618,
71.5018

■ 77.0494, 73.6566,
73.1261

■ 40.5730, 54.8532,
71.3785

■ 77.0503, 73.6569,
73.1306

■ 38.6401, 53.8569,
71.2836

■ 77.0511, 73.6573,
73.1352

■ 37.2628, 53.1469,
71.2146

■ 77.0520, 73.6576,
73.1397

■ 36.3823, 52.6931,
71.1689

■ 77.0528, 73.6580,
73.1442

■ 35.9271, 52.4585,
71.1431

■ 77.0537, 73.6583,
73.1488

Harmonies

Analogous

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



60.0981, 64.9492, 69.8273



60.1616, 64.9492, 72.3164



60.6437, 64.9492, 74.4234

Triad

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



60.1616, 64.9492, 72.3164



63.0127, 64.9492, 73.9014



62.0453, 64.9492, 66.1009

Complementary

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



60.1616, 64.9492, 72.3164



59.2241, 60.6531, 64.4659

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.



62.8338, 64.9492, 67.1389



60.1616, 64.9492, 72.3164



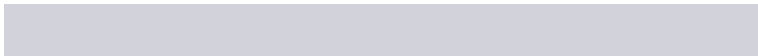
63.3958, 64.9492, 71.6175

Square

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



60.1616, 64.9492, 72.3164



62.2877, 64.9492, 75.3533



63.3300, 64.9492, 69.1446



61.1802, 64.9492, 66.2780

Rectangle

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



60.1616, 64.9492, 72.3164



61.1401, 64.9492, 75.3094



63.3300, 64.9492, 69.1446



62.3283, 64.9492, 66.3183

Sweetspot

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



60.1635, 64.9520, 72.3178



93.1983, 99.0454, 108.8120



58.8635, 64.4377, 65.2133



19.9676, 21.2098, 23.2912



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.



60.1635, 64.9520, 72.3178



89.6426, 97.2125, 108.6428



58.8479, 62.3202, 71.8815



13.1388, 14.2866, 16.0020



21.8658, 32.0017, 43.4505



1.3189, 1.9302, 2.6210

Inverse Universe

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



59.2241, 60.6531, 64.4659



87.9962, 89.6774, 94.8800



60.4933, 63.1920, 64.8869



12.8758, 13.0828, 13.8033



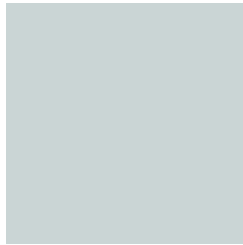
16.7622, 8.6412, 0.7860



1.0111, 0.5212, 0.0477

Previews

White Background



This preview shows how the XYZ color 60.1616, 64.9492, 72.3164 looks on a white background.

Color Contrast Check

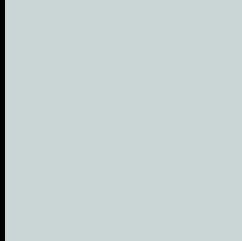
Large Text (above 18pt) WCAG AA × Fail

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 60.1616, 64.9492, 72.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

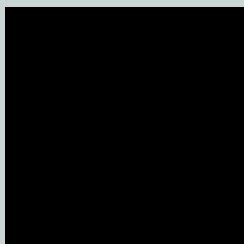
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

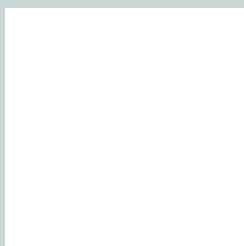
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1616, 64.9492, 72.3164

Background



This preview shows how black text looks on a background with the XYZ color 60.1616, 64.9492, 72.3164.

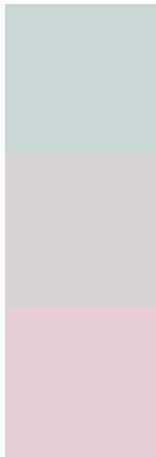


This preview shows how white text looks on a background with the XYZ color 60.1616, 64.9492,

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

60.1616, 64.9492, 72.3164

Protanopia

62.5360, 65.0925, 70.8961

Deuteranopia

66.1717, 64.7500, 73.3004



Tritanopia

62.0612, 64.9720, 81.9429

Trichromacy



Original Color

60.1616, 64.9492, 72.3164

Protanomaly

61.7563, 65.0436, 71.5871

Deuteranomaly

63.6638, 64.5408, 72.7205

Tritanomaly

61.3569, 65.0574, 78.4307

Monochromacy



Original Color

60.1616, 64.9492, 72.3164

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.7843, 64.5571, 70.8851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1616, 64.9492, 72.3164 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(202, 213, 213) looks like.

```
.text, #text, p{  
    color:rgb(202, 213, 213)  
}
```

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(202, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 213, 213) }
```

Border

The CSS property to change the border of an element to XYZ 60.1616, 64.9492, 72.3164 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(202, 213, 213) }
```


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

```
.border{ border-color:rgb(202, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(202, 213,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1616, 64.9492, 72.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 213, 213) }
```

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

```
.background{ background-color: rgb(202,  
213, 213) }
```

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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