

Converting Colors

XYZ(57.5865, 62.4009, 63.7928)

Have a look what the booklet for
XYZ(57.5865, 62.4009, 63.7928)
contains.

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Color

**XYZ(57.5829, 62.3276,
63.6391)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD1C8
RGB	202, 209, 200
RGB Percent	79%, 82%, 78%
CMY	0.2078, 0.1804, 0.2157
CMYK	0.03, 0.00, 0.04, 0.18
HSL	107°, 9%, 80%
HSV	107°, 4%, 82%
XYZ	57.5829, 62.3276, 63.6391
YIQ	205.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

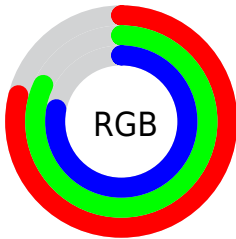
Format	Color
R _Y B	200, 209, 207
Decimal	13291976
CIE Lab	83.09, -4.02, 3.62
CIE LCh	83, 5.412, 137.994
Yxy	62.3276, 0.3137, 0.3396
Android (android.graphics.Color)	4291482056 (0xFFCAD1C8)
YUV	205.8810, -2.8993, -3.4036
Hunter-Lab	78.9478, -7.9645, 7.4704

Details

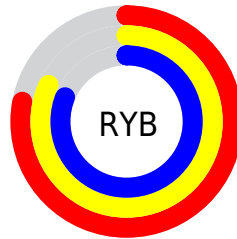
The XYZ color **57.5829, 62.3276, 63.6391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8975, 59.1791, 68.6960**, and the grayscale version is **58.6101, 61.6624, 67.1504**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1224, 31.8139, 31.7999** is the 20% darker color. If you saturate the color by 10%, you get **51.1359, 59.2690, 51.4464**, and if you desaturate by 10%, it is **64.8309, 65.7641, 77.6150**.

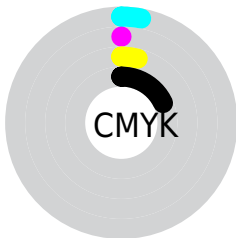
Distribution



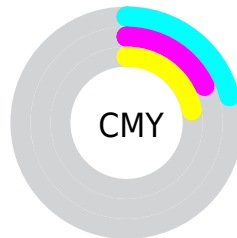
- Red (79%)
- Green (82%)
- Blue (78%)



- Red (78%)
- Yellow (82%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5829, 62.3276, 63.6391 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 57.5829, 62.3276, 63.6391 by changing the saturation by 10% instead.

■ 57.5829, 62.3276,
63.6391

■ 57.5829, 62.3276,
63.6391

405.6089,
433.1251, 456.0568

■ 41.7154, 45.2975,
45.9141

100.4417,
108.1989, 111.6855

■ 29.0686, 31.6918,
31.8299

128.1636,
137.8088, 142.8440

■ 19.2773, 21.1262,
20.9678

160.5678,
172.3807, 179.3173

■ 11.9760, 13.2163,
12.9095

198.0195,
212.2991, 221.5242

■ 6.7994, 7.5776,
7.2363

240.8841,
257.9484, 269.8830

■ 3.3822, 3.8259,
3.5296

289.5270,

■ 1.3589, 1.5767,

309.7129, 324.8124

1.3710

344.3134,
367.9769, 386.7308

■ 0.2267, 0.3418,
0.1189

■ 0.0000, 0.0000,
0.0000

■ 57.5829, 62.3276,
63.6391

■ 57.5829, 62.3276,
63.6391

■ 51.1359, 59.2690,
51.4464

■ 64.8309, 65.7641,
77.6150

■ 45.4568, 56.5676,
40.9612

■ 72.9011, 69.5825,
93.4375

■ 40.5182, 54.2124,
32.1084

■ 80.5549, 73.2911,
104.5086

■ 36.2886, 52.1892,
24.8061

■ 82.0917, 74.0833,
104.5806

■ 32.7344, 50.4826,
18.9646

■ 29.8194, 49.0760,
14.4858

■ 27.5032, 47.9510,
11.2589

■ 25.7409, 47.0872,
9.1561

■ 24.4802, 46.4611,
8.0222

Harmonies

Analogous

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



58.5476, 62.3276, 61.9133



57.5829, 62.3276, 63.6391



57.0651, 62.3276, 66.5314

Triad

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



57.5829, 62.3276, 63.6391



58.7733, 62.3276, 74.3698



61.4082, 62.3276, 65.8913

Complementary

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



57.5829, 62.3276, 63.6391



57.8975, 59.1791, 68.6960

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.



61.4706, 62.3276, 69.2146



57.5829, 62.3276, 63.6391



59.9389, 62.3276, 74.1846

Square

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



57.5829, 62.3276, 63.6391



57.7463, 62.3276, 72.7701



60.9296, 62.3276, 72.2722



60.7603, 62.3276, 63.1838

Rectangle

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



57.5829, 62.3276, 63.6391



57.0384, 62.3276, 68.7650



60.9296, 62.3276, 72.2722



61.4986, 62.3276, 66.9712

Sweetspot

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



57.5846, 62.3303, 63.6405



93.9161, 99.4626, 106.7181



59.0110, 62.3054, 63.5605



20.1139, 21.2947, 22.8651



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.



57.5846, 62.3303, 63.6405



89.5093, 97.3730, 98.2786



57.3299, 62.1663, 65.1050



12.4427, 13.5894, 13.5912



14.8347, 28.5165, 4.7224



0.8995, 1.6306, 0.2673

Inverse Universe

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



57.8975, 59.1791, 68.6960



90.0824, 91.6000, 107.5405



58.1647, 59.3510, 67.1683



12.5319, 12.6908, 15.0327



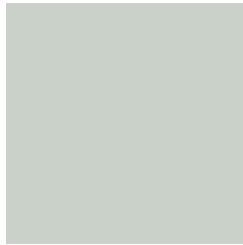
16.4436, 7.6573, 37.8038



0.9843, 0.4616, 2.1168

Previews

White Background



This preview shows how the XYZ color 57.5829, 62.3276, 63.6391 looks on a white background.

Color Contrast Check

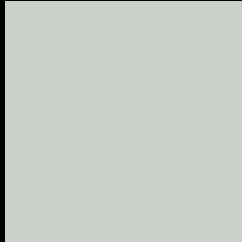
Large Text (above 18pt) WCAG AA × Fail

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 57.5829, 62.3276, 63.6391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

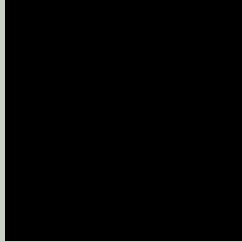
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

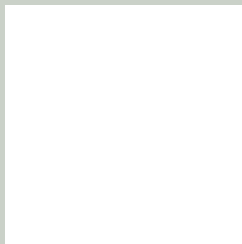
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5829, 62.3276, 63.6391

Background



This preview shows how black text looks on a background with the XYZ color 57.5829, 62.3276, 63.6391.

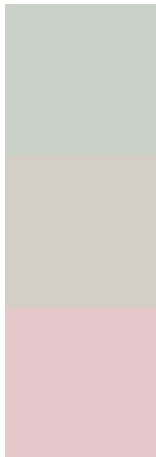


This preview shows how white text looks on a background with the XYZ color 57.5829, 62.3276,

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

57.5829, 62.3276, 63.6391

Protanopia

59.4157, 62.2169, 62.3036

Deuteranopia

63.6280, 62.2308, 64.5353



Tritanopia

60.4330, 62.3957, 77.9657

Trichromacy



Original Color

57.5829, 62.3276, 63.6391

Protanomaly

58.6341, 62.1591, 62.9404

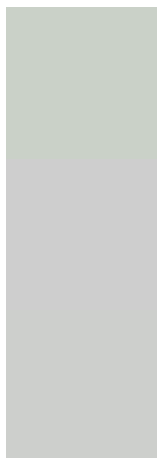
Deuteranomaly

61.1120, 61.9890, 64.0025

Tritanomaly

59.3523, 62.3181, 72.5187

Monochromacy



Original Color

57.5829, 62.3276, 63.6391

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.3887, 61.9644, 66.0097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5829, 62.3276, 63.6391 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, 209, 200) looks like.

```
.text, #text, p{  
    color:rgb(202, 209, 200)  
}
```

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, 209, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 209, 200) }
```

Border

The CSS property to change the border of an element to XYZ 57.5829, 62.3276, 63.6391 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, 209, 200) }
```


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

```
.border{ border-color:rgb(202, 209, 200) }
```

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

Here you see how a box with a 4 pixel rgb(202, 209, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 209, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 209, 200);  
box-shadow:4px 4px 4px 4px rgb(202, 209,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5829, 62.3276, 63.6391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 209, 200) }
```

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

```
.background{ background-color: rgb(202,  
209, 200) }
```

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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