

Converting Colors

XYZ(57.8089, 64.1529, 57.8025)

Have a look what the booklet for
XYZ(57.8089, 64.1529, 57.8025)
contains.

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Color

**XYZ(57.7171, 64.0027,
58.0269)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD5BE
RGB	203, 213, 190
RGB Percent	80%, 84%, 75%
CMY	0.2039, 0.1647, 0.2549
CMYK	0.05, 0.00, 0.11, 0.16
HSL	86°, 21%, 79%
HSV	86°, 11%, 84%
XYZ	57.7171, 64.0027, 58.0269
YIQ	207.3880, 1.4230, -9.2730

Conversions

Conversions Part 2

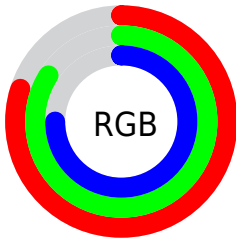
Format	Color
RYB	190, 213, 200
Decimal	13358526
CIELab	83.97, -7.49, 10.21
CIELCh	84, 12.657, 126.257
Yxy	64.0027, 0.3211, 0.3561
Android (android.graphics.Color)	4291548606 (0xFFCBD5BE)
YUV	207.3880, -8.5723, -3.8483
Hunter-Lab	80.0017, -11.2244, 12.9969

Details

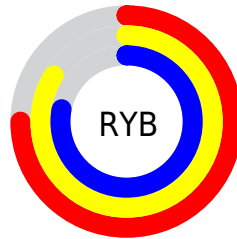
The XYZ color **57.7171, 64.0027, 58.0269** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2456, 53.9121, 70.5012**, and the grayscale version is **59.6128, 62.7173, 68.2991**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **29.1366, 32.6494, 28.4332** is the 20% darker color. If you saturate the color by 10%, you get **53.1098, 61.8790, 46.5338**, and if you desaturate by 10%, it is **62.8190, 66.3457, 71.3219**.

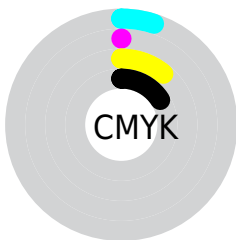
Distribution



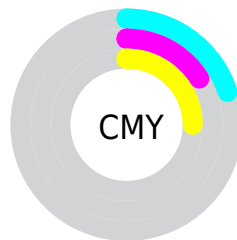
- Red (80%)
- Green (84%)
- Blue (75%)



- Red (75%)
- Yellow (84%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (16%)





- Cyan (20%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7171, 64.0027, 58.0269 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 57.7171, 64.0027, 58.0269 by changing the saturation by 10% instead.


 57.7171, 64.0027,
58.0269

 57.7171, 64.0027,
58.0269


406.1018,
439.1994, 434.8872

 41.8236, 46.6529,
41.4154


 100.6361,
110.6148, 103.4772

 29.1537, 32.7613,
28.3217


128.3924,
140.6459, 133.1531

 19.3420, 21.9437,
18.3271

160.8336,
175.6728, 168.0209

 12.0231, 13.8155,
11.0133

198.3252,
216.0800, 208.4991

 6.8317, 7.9925,
5.9615

241.2324,
262.2519, 255.0063

 3.4025, 4.0901,
2.7533

289.9207,

 1.3700, 1.7241,

314.5728, 307.9611

0.9701

344.7554,
373.4272, 367.7818

■ 0.2347, 0.4392,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7171, 64.0027,
58.0269

■ 57.7171, 64.0027,
58.0269

■ 53.1098, 61.8790,
46.5338

■ 62.8190, 66.3457,
71.3219

■ 48.9745, 59.9592,
36.7609

■ 68.4266, 68.9067,
86.4873

■ 45.2944, 58.2384,
28.6264

■ 74.5570, 71.6948,
103.5935

■ 42.0499, 56.7082,
22.0402

■ 77.7993, 73.3459,
104.6644

■ 39.2193, 55.3597,
16.9034

■ 81.0259, 75.0093,
104.8155

■ 36.7787, 54.1830,
13.1060

■ 83.0855, 76.0710,
104.9118

■ 34.7013, 53.1671,
10.5218

■ 32.9554, 52.2989,
9.0010

■ 31.5928, 51.6107,
8.2967

Harmonies

Analogous

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



60.2503, 64.0027, 55.5140



57.7171, 64.0027, 58.0269



56.0565, 64.0027, 63.6876

Triad

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



57.7171, 64.0027, 58.0269



58.6997, 64.0027, 84.7068



66.3184, 64.0027, 68.0282

Complementary

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



57.7171, 64.0027, 58.0269



54.2456, 53.9121, 70.5012

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.



65.8727, 64.0027, 76.0541



57.7171, 64.0027, 58.0269



61.4188, 64.0027, 86.0901

Square

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



57.7171, 64.0027, 58.0269



56.6116, 64.0027, 79.1676



64.0583, 64.0027, 82.8154



65.2585, 64.0027, 60.9972

Rectangle

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



57.7171, 64.0027, 58.0269



55.6387, 64.0027, 68.6906



64.0583, 64.0027, 82.8154



66.3401, 64.0027, 70.6951

Sweetspot

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



57.7188, 64.0055, 58.0283



92.6292, 98.8915, 102.4850



57.3837, 59.1592, 57.1105



19.6905, 21.1045, 21.5783



0.0000, 0.0000, 0.0000



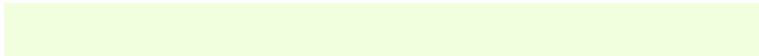
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.7188, 64.0055, 58.0283



85.0583, 95.4134, 82.9355



54.7107, 62.4547, 57.8875



12.9272, 14.2387, 13.2277



19.4164, 31.5859, 5.0733



1.2653, 1.9537, 0.3104

Inverse Universe

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



54.2456, 53.9121, 70.5012



78.8121, 77.2614, 105.3668



57.4239, 55.5506, 70.6499



12.2498, 12.2702, 15.6603



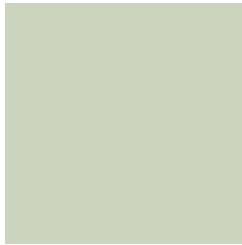
10.1837, 4.4024, 38.7662



0.7082, 0.3140, 2.3426

Previews

White Background



This preview shows how the XYZ color 57.7171, 64.0027, 58.0269 looks on a white background.

Color Contrast Check

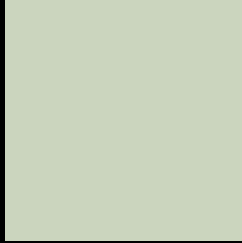
Large Text (above 18pt) WCAG AA × Fail

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 57.7171, 64.0027, 58.0269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

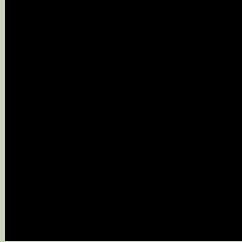
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

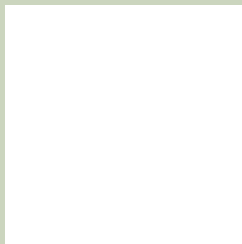
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7171, 64.0027, 58.0269

Background



This preview shows how black text looks on a background with the XYZ color 57.7171, 64.0027, 58.0269.



This preview shows how white text looks on a background with the XYZ color 57.7171, 64.0027,

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

57.7171, 64.0027, 58.0269

Protanopia

60.7910, 64.1372, 56.7526

Deuteranopia

65.2270, 63.8797, 58.7614



Tritanopia

62.0228, 63.9035, 79.5867

Trichromacy



Original Color

57.7171, 64.0027, 58.0269

Protanomaly

59.6725, 63.9134, 57.3356

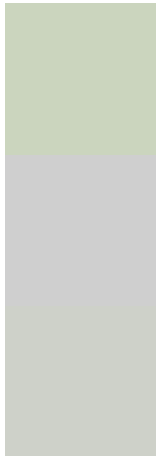
Deuteranomaly

62.2157, 63.7515, 58.3164

Tritanomaly

60.3839, 63.9685, 71.4519

Monochromacy



Original Color

57.7171, 64.0027, 58.0269

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7967, 62.9398, 64.3080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7171, 64.0027, 58.0269 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(203, 213, 190)` looks like.

```
.text, #text, p{  
    color:rgb(203, 213, 190)  
}
```

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(203, 213, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 213, 190) }
```

Border

The CSS property to change the border of an element to XYZ 57.7171, 64.0027, 58.0269 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(203, 213, 190) }
```


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

```
.border{ border-color:rgb(203, 213, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 213, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 213, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 213, 190);  
box-shadow:4px 4px 4px 4px rgb(203, 213,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7171, 64.0027, 58.0269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 213, 190) }
```

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

```
.background{ background-color: rgb(203,  
213, 190) }
```

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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