

Converting Colors

XYZ(57.7471, 62.1286, 59.9873)

Have a look what the booklet for
XYZ(57.7471, 62.1286, 59.9873)
contains.

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Color

**XYZ(57.7471, 62.1286,
59.9874)**

Conversions

Conversions Part 1

Format	Color
Hex	CED0C2
RGB	206, 208, 194
RGB Percent	81%, 82%, 76%
CMY	0.1922, 0.1843, 0.2392
CMYK	0.01, 0.00, 0.07, 0.18
HSL	69°, 13%, 79%
HSV	69°, 7%, 82%
XYZ	57.7471, 62.1286, 59.9874
YIQ	205.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

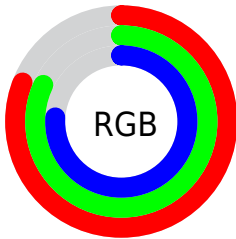
Format	Color
RYB	194, 208, 196
Decimal	13553858
CIELab	82.98, -3.16, 6.70
CIELCh	83, 7.411, 115.278
Yxy	62.1286, 0.3211, 0.3454
Android (android.graphics.Color)	4291743938 (0xFFCED0C2)
YUV	205.8060, -5.8204, 0.1701
Hunter-Lab	78.8217, -7.1636, 10.0524

Details

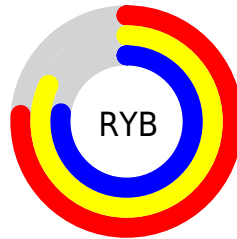
The XYZ color **57.7471, 62.1286, 59.9874** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4443, 54.8751, 67.4529**, and the grayscale version is **58.5782, 61.6288, 67.1138**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **29.2381, 31.6801, 29.3848** is the 20% darker color. If you saturate the color by 10%, you get **54.7547, 60.8391, 48.4945**, and if you desaturate by 10%, it is **61.0856, 63.5624, 73.2060**.

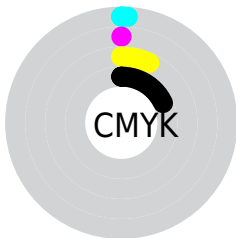
Distribution



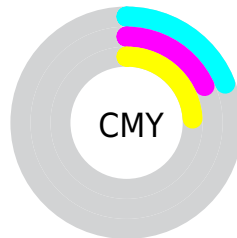
- Red (81%)
- Green (82%)
- Blue (76%)



- Red (76%)
- Yellow (82%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7471, 62.1286, 59.9874 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 57.7471, 62.1286, 59.9874 by changing the saturation by 10% instead.

■ 57.7471, 62.1286,
59.9874

■ 57.7471, 62.1286,
59.9874

406.2120,
432.4000, 442.3547

■ 41.8478, 45.1366,
42.9832

■ 100.6796,
107.9114, 106.3546

■ 29.1728, 31.5650,
29.5407

128.4435,
137.4710, 136.5547

■ 19.3565, 21.0295,
19.2411

160.8930,
171.9885, 171.9905

■ 12.0337, 13.1456,
11.6661

198.3935,
211.8485, 213.0807

■ 6.8390, 7.5289,
6.3970

241.3103,
257.4352, 260.2436

■ 3.4070, 3.7950,
3.0153

290.0087,

■ 1.3725, 1.5596,

309.1331, 313.8979

1.1024

344.8541,
367.3266, 374.4621

■ 0.2365, 0.3301,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7471, 62.1286,
59.9874

■ 57.7471, 62.1286,
59.9874

■ 54.7547, 60.8391,
48.4945

■ 61.0856, 63.5624,
73.2060

■ 52.0898, 59.6803,
38.6521

■ 64.7779, 65.1375,
88.2132

■ 49.7394, 58.6492,
30.3855

■ 68.6111, 66.7708,
103.8796

■ 47.6879, 57.7394,
23.6125

■ 69.4928, 67.2253,
103.9209

45.9183, 56.9441,
18.2438

70.3905, 67.6881,
103.9629

44.4116, 56.2558,
14.1803

71.3042, 68.1592,
104.0056

43.1465, 55.6658,
11.3101

72.2341, 68.6385,
104.0492

42.0981, 55.1643,
9.5025

73.1803, 69.1263,
104.0934

41.2340, 54.7382,
8.5875

74.1427, 69.6224,
104.1385

Harmonies

Analogous

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



59.3050, 62.1286, 59.2392



57.7471, 62.1286, 59.9874



56.5581, 62.1286, 62.7509

Triad

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



57.7471, 62.1286, 59.9874



57.3159, 62.1286, 75.1526



62.1715, 62.1286, 68.3755

Complementary

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



57.7471, 62.1286, 59.9874



53.4443, 54.8751, 67.4529

Split Complementary

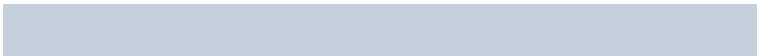
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.6169, 62.1286, 72.7923



57.7471, 62.1286, 59.9874



58.7984, 62.1286, 76.8159

Square

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



57.7471, 62.1286, 59.9874



56.3123, 62.1286, 71.4809



60.3751, 62.1286, 75.9334



61.8778, 62.1286, 63.9537

Rectangle

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



57.7471, 62.1286, 59.9874



56.1249, 62.1286, 65.4326



60.3751, 62.1286, 75.9334



62.0778, 62.1286, 69.9118

Sweetspot

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



57.7488, 62.1313, 59.9887



93.9717, 99.5377, 104.6202



55.4620, 56.7264, 59.0660



20.1251, 21.3100, 22.4378



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.



57.7488, 62.1313, 59.9887



90.8718, 98.2056, 92.4607



55.8842, 61.1701, 59.9015



12.6302, 13.7083, 12.5923



25.5976, 34.0650, 5.2261



1.4779, 1.9287, 0.2944

Inverse Universe

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



53.4443, 54.8751, 67.4529



82.7426, 84.5019, 106.5572



55.2713, 55.8169, 67.5384



11.3188, 11.4977, 14.8664



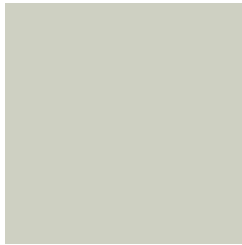
7.4745, 3.0336, 37.3841



0.4698, 0.1964, 2.0927

Previews

White Background



This preview shows how the XYZ color 57.7471, 62.1286, 59.9874 looks on a white background.

Color Contrast Check

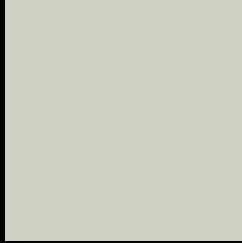
Large Text (above 18pt) WCAG AA × Fail

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 57.7471, 62.1286, 59.9874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

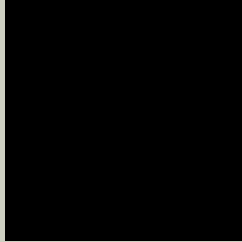
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

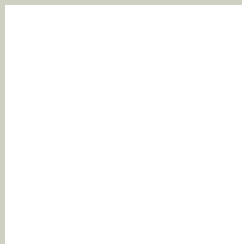
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7471, 62.1286, 59.9874

Background



This preview shows how black text looks on a background with the XYZ color 57.7471, 62.1286, 59.9874.



This preview shows how white text looks on a background with the XYZ color 57.7471, 62.1286, 59.9874.

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

57.7471, 62.1286, 59.9874

Protanopia

59.1375, 62.1390, 59.3292

Deuteranopia

63.0204, 61.6554, 60.8037



Tritanopia

61.0895, 62.0547, 76.4681

Trichromacy



Original Color

57.7471, 62.1286, 59.9874

Protanomaly

58.5168, 62.1775, 59.3694

Deuteranomaly

60.7896, 61.5533, 60.3068

Tritanomaly

59.8837, 61.9211, 70.4238

Monochromacy



Original Color

57.7471, 62.1286, 59.9874

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.4271, 62.0117, 64.7671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7471, 62.1286, 59.9874 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, 208, 194) looks like.

```
.text, #text, p{  
    color:rgb(206, 208, 194)  
}
```

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, 208, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 208, 194) }
```

Border

The CSS property to change the border of an element to XYZ 57.7471, 62.1286, 59.9874 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, 208, 194) }
```


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

```
.border{ border-color:rgb(206, 208, 194) }
```

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

Here you see how a box with a 4 pixel rgb(206, 208, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 208, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 208, 194);  
box-shadow:4px 4px 4px 4px rgb(206, 208,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7471, 62.1286, 59.9874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 208, 194) }
```

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

```
.background{ background-color: rgb(206,  
208, 194) }
```

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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