

Converting Colors

XYZ(58.9854, 63.2471, 62.8378)

Have a look what the booklet for
XYZ(58.9854, 63.2471, 62.8378)
contains.

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Color

**XYZ(58.8414, 62.9898,
63.0898)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD1C7
RGB	207, 209, 199
RGB Percent	81%, 82%, 78%
CMY	0.1882, 0.1804, 0.2196
CMYK	0.01, 0.00, 0.05, 0.18
HSL	72°, 10%, 80%
HSV	72°, 5%, 82%
XYZ	58.8414, 62.9898, 63.0898
YIQ	207.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

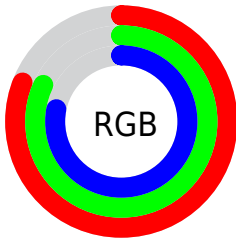
Format	Color
RYB	199, 209, 201
Decimal	13619655
CIELab	83.44, -2.47, 4.71
CIELCh	83, 5.315, 117.675
Yxy	62.9898, 0.3182, 0.3406
Android (android.graphics.Color)	4291809735 (0xFFCFD1C7)
YUV	207.2620, -4.0732, -0.2298
Hunter-Lab	79.3661, -6.5522, 8.4254

Details

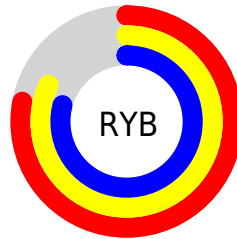
The XYZ color **58.8414, 62.9898, 63.0898** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0218, 57.8695, 68.5421**, and the grayscale version is **59.5031, 62.6018, 68.1734**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9690, 32.2593, 31.4352** is the 20% darker color. If you saturate the color by 10%, you get **55.4260, 61.4923, 51.1206**, and if you desaturate by 10%, it is **62.6247, 64.6421, 76.8186**.

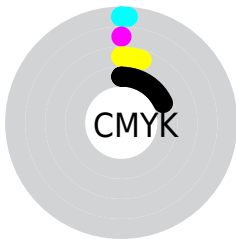
Distribution



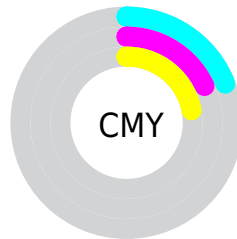
- Red (81%)
- Green (82%)
- Blue (78%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8414, 62.9898, 63.0898 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 58.8414, 62.9898, 63.0898 by changing the saturation by 10% instead.

■ 58.8414, 62.9898,
63.0898

■ 58.8414, 62.9898,
63.0898

410.2174,
435.5325, 454.0122

■ 42.7313, 45.8330,
45.4724

102.2631,
109.1548, 110.8859

■ 29.8680, 32.1140,
31.4840

130.3054,
138.9317, 141.9016

■ 19.8860, 21.4486,
20.7061

163.0558,
173.6842, 178.2206

■ 12.4200, 13.4523,
12.7202

200.8798,
213.7965, 220.2613

■ 7.1046, 7.7407,
7.1077

244.1425,
259.6531, 268.4423

■ 3.5745, 3.9295,
3.4501

293.2095,

■ 1.4644, 1.6342,

311.6383, 323.1820

1.3288

348.4460,
370.1367, 384.8992

■ 0.3014, 0.3805,
0.0852

■ 0.0000, 0.0000,
0.0000

■ 58.8414, 62.9898,
63.0898

■ 58.8414, 62.9898,
63.0898

■ 55.4260, 61.4923,
51.1206

■ 62.6247, 64.6421,
76.8186

■ 52.3595, 60.1359,
40.8359

■ 66.7836, 66.4461,
92.3700

■ 49.6289, 58.9175,
32.1610

■ 70.2338, 67.9704,
104.0256

■ 47.2186, 57.8306,
25.0142

■ 71.5135, 68.6301,
104.0855

■ 45.1114, 56.8684,
19.3066

■ 72.8251, 69.3062,
104.1469

■ 43.2883, 56.0234,
14.9399

■ 74.1688, 69.9989,
104.2098

■ 41.7283, 55.2869,
11.8040

■ 75.5449, 70.7084,
104.2742

■ 40.4067, 54.6493,
9.7708

■ 76.9536, 71.4346,
104.3401

■ 39.2937, 54.0984,
8.6845

■ 78.3952, 72.1777,
104.4076

Harmonies

Analogous

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



59.9603, 62.9898, 62.4070



58.8414, 62.9898, 63.0898



58.0075, 62.9898, 65.2305

Triad

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



58.8414, 62.9898, 63.0898



58.6868, 62.9898, 74.1179



62.1231, 62.9898, 68.8443

Complementary

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



58.8414, 62.9898, 63.0898



56.0218, 57.8695, 68.5421

Split Complementary

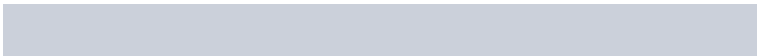
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.7718, 62.9898, 72.0530



58.8414, 62.9898, 63.0898



59.7796, 62.9898, 75.1582

Square

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



58.8414, 62.9898, 63.0898



57.9190, 62.9898, 71.5907



60.9103, 62.9898, 74.3908



61.8641, 62.9898, 65.6650

Rectangle

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



58.8414, 62.9898, 63.0898



57.7202, 62.9898, 67.2325



60.9103, 62.9898, 74.3908



62.0723, 62.9898, 69.9559

Sweetspot

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



58.8432, 62.9925, 63.0912



94.4545, 99.7401, 106.7433



57.4920, 59.4539, 62.4794



20.2234, 21.3512, 22.8702



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.



58.8432, 62.9925, 63.0912



91.5652, 98.4769, 96.3865



57.4685, 62.2838, 63.0268



12.7775, 13.7677, 13.3499



23.9841, 33.2332, 5.1506



1.4014, 1.8893, 0.2908

Inverse Universe

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



56.0218, 57.8695, 68.5421



86.0027, 88.3765, 107.1333



57.3877, 58.5736, 68.6060



11.9354, 12.2386, 14.9769



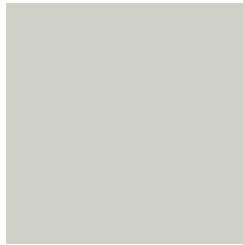
7.7460, 3.1735, 37.3968



0.4990, 0.2114, 2.0941

Previews

White Background



This preview shows how the XYZ color 58.8414, 62.9898, 63.0898 looks on a white background.

Color Contrast Check

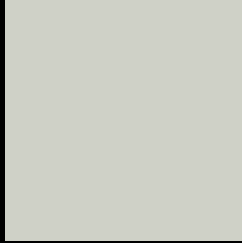
Large Text (above 18pt) WCAG AA × Fail

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 58.8414, 62.9898, 63.0898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

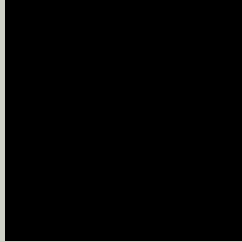
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

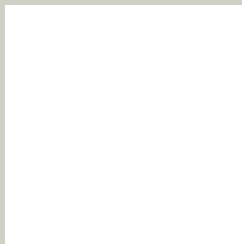
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8414, 62.9898, 63.0898

Background



This preview shows how black text looks on a background with the XYZ color 58.8414, 62.9898, 63.0898.

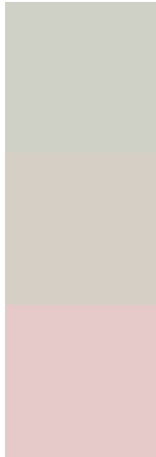


This preview shows how white text looks on a background with the XYZ color 58.8414, 62.9898, 63.0898.

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

58.8414, 62.9898, 63.0898

Protanopia

60.2374, 62.9990, 62.4113

Deuteranopia

64.0624, 62.8133, 64.0061



Tritanopia

61.8345, 63.1182, 78.0312

Trichromacy



Original Color

58.8414, 62.9898, 63.0898

Protanomaly

59.6129, 63.0379, 62.4517

Deuteranomaly

62.1424, 62.8855, 63.5064

Tritanomaly

60.7449, 63.0360, 72.5839

Monochromacy



Original Color

58.8414, 62.9898, 63.0898

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.1871, 62.7368, 66.1167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8414, 62.9898, 63.0898 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, 209, 199) looks like.

```
.text, #text, p{  
    color:rgb(207, 209, 199)  
}
```

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, 209, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 209, 199) }
```

Border

The CSS property to change the border of an element to XYZ 58.8414, 62.9898, 63.0898 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, 209, 199) }
```


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

```
.border{ border-color:rgb(207, 209, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 209, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 209, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 209, 199);  
box-shadow:4px 4px 4px 4px rgb(207, 209,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8414, 62.9898, 63.0898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 209, 199) }
```

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

```
.background{ background-color: rgb(207,  
209, 199) }
```

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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