

Converting Colors

XYZ(58.2637, 62.8332, 63.2673)

Have a look what the booklet for
XYZ(58.2637, 62.8332, 63.2673)
contains.

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Color

**XYZ(58.0111, 62.5618,
63.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD1C7
RGB	204, 209, 199
RGB Percent	80%, 82%, 78%
CMY	0.2000, 0.1804, 0.2196
CMYK	0.02, 0.00, 0.05, 0.18
HSL	90°, 10%, 80%
HSV	90°, 5%, 82%
XYZ	58.0111, 62.5618, 63.0510
YIQ	206.3650, 0.2300, -4.1700

Conversions

Conversions Part 2

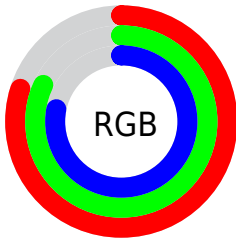
Format	Color
R _Y B	199, 209, 204
Decimal	13423047
CIE Lab	83.21, -3.51, 4.35
CIE LCh	83, 5.591, 128.883
Yxy	62.5618, 0.3159, 0.3407
Android (android.graphics.Color)	4291613127 (0xFFCCD1C7)
YUV	206.3650, -3.6309, -2.0741
Hunter-Lab	79.0960, -7.5014, 8.1045

Details

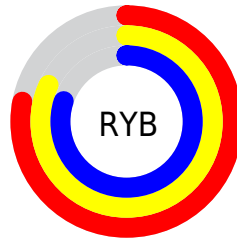
The XYZ color **58.0111, 62.5618, 63.0510** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8363, 58.2894, 68.5802**, and the grayscale version is **58.9240, 61.9926, 67.5100**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4099, 31.9711, 31.4090** is the 20% darker color. If you saturate the color by 10%, you get **52.9797, 60.2312, 51.0062**, and if you desaturate by 10%, it is **63.5718, 65.1303, 76.8630**.

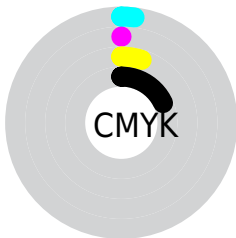
Distribution



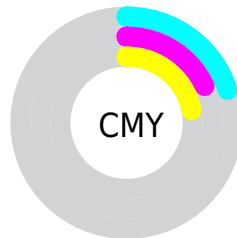
- Red (80%)
- Green (82%)
- Blue (78%)



- Red (78%)
- Yellow (82%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0111, 62.5618, 63.0510 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 58.0111, 62.5618, 63.0510 by changing the saturation by 10% instead.

■ 58.0111, 62.5618,
63.0510

■ 58.0111, 62.5618,
63.0510

407.1805,
433.9774, 453.8676

■ 42.0609, 45.4868,
45.4412

101.0619,
108.5371, 110.8294

■ 29.3403, 31.8410,
31.4596

128.8932,
138.2061, 141.8350

■ 19.4840, 21.2401,
20.6877

161.4155,
172.8420, 178.1431

■ 12.1266, 13.2996,
12.7069

198.9942,
212.8291, 220.1720

■ 6.9027, 7.6352,
7.0987

241.9948,
258.5518, 268.3404

■ 3.4471, 3.8624,
3.4445

290.7824,

■ 1.3944, 1.5969,

310.3945, 323.0667

1.3258

345.7225,
368.7416, 384.7696

■ 0.2522, 0.3555,
0.0828

■ 0.0000, 0.0000,
0.0000

■ 58.0111, 62.5618,
63.0510

■ 58.0111, 62.5618,
63.0510

■ 52.9797, 60.2312,
51.0062

■ 63.5718, 65.1303,
76.8630

■ 48.4550, 58.1231,
40.6532

■ 69.6728, 67.9356,
92.5053

■ 44.4205, 56.2324,
31.9173

■ 75.2332, 70.5477,
104.2596

■ 40.8567, 54.5509,
24.7165

■ 78.7944, 72.3836,
104.4263

■ 37.7427, 53.0697,
18.9617

■ 82.0917, 74.0834,
104.5806

■ 35.0554, 51.7791,
14.5547

■ 32.7695, 50.6685,
11.3847

■ 30.8561, 49.7257,
9.3239

■ 29.2807, 48.9365,
8.2159

Harmonies

Analogous

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



59.1037, 62.5618, 61.7308



58.0111, 62.5618, 63.0510



57.3140, 62.5618, 65.7410

Triad

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



58.0111, 62.5618, 63.0510



58.6268, 62.5618, 74.5418



61.7972, 62.5618, 67.0930

Complementary

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



58.0111, 62.5618, 63.0510



56.8363, 58.2894, 68.5802

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.



61.6653, 62.5618, 70.5540



58.0111, 62.5618, 63.0510



59.8240, 62.5618, 74.9337

Square

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



58.0111, 62.5618, 63.0510



57.6661, 62.5618, 72.3986



60.9392, 62.5618, 73.4519



61.2971, 62.5618, 64.0118

Rectangle

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



58.0111, 62.5618, 63.0510



57.1617, 62.5618, 67.9890



60.9392, 62.5618, 73.4519



61.8255, 62.5618, 68.2495

Sweetspot

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



58.0128, 62.5645, 63.0524



94.1744, 99.5957, 106.7302



58.1985, 60.8669, 62.7149



20.1664, 21.3219, 22.8675



0.0000, 0.0000, 0.0000



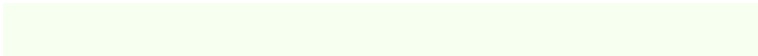
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0128, 62.5645, 63.0524



89.9238, 97.6307, 96.3097



56.6643, 61.8693, 62.9892



12.5288, 13.6394, 13.3383



17.7246, 30.0063, 4.8576



1.0826, 1.7249, 0.2759

Inverse Universe

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



56.8363, 58.2894, 68.5802



87.6043, 89.2021, 107.2082



58.2289, 59.0073, 68.6454



12.1776, 12.3634, 14.9882



10.7686, 4.7317, 37.5382



0.6936, 0.3117, 2.1032

Previews

White Background



This preview shows how the XYZ color 58.0111, 62.5618, 63.0510 looks on a white background.

Color Contrast Check

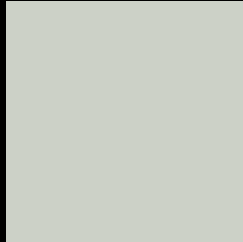
Large Text (above 18pt) WCAG AA × Fail

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 58.0111, 62.5618, 63.0510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

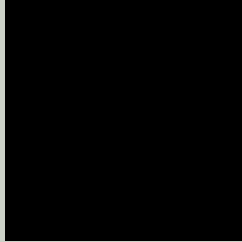
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

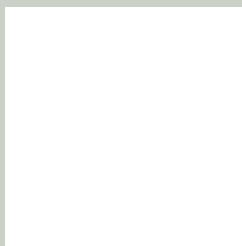
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0111, 62.5618, 63.0510

Background



This preview shows how black text looks on a background with the XYZ color 58.0111, 62.5618, 63.0510.

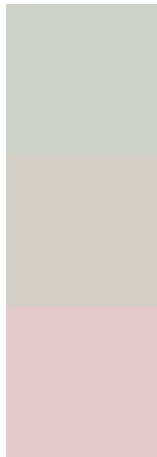


This preview shows how white text looks on a background with the XYZ color 58.0111, 62.5618,

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

58.0111, 62.5618, 63.0510

Protanopia

59.7049, 62.3660, 62.3171

Deuteranopia

63.5100, 62.1836, 63.9136



Tritanopia

60.9882, 62.6819, 77.9916

Trichromacy



Original Color

58.0111, 62.5618, 63.0510

Protanomaly

59.0842, 62.4045, 62.3573

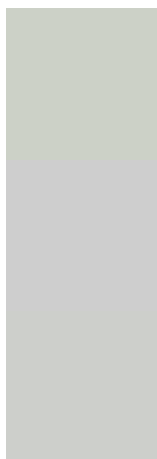
Deuteranomaly

61.2965, 62.0976, 63.3990

Tritanomaly

59.9040, 62.6025, 72.5445

Monochromacy



Original Color

58.0111, 62.5618, 63.0510

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.2692, 61.9166, 65.3799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0111, 62.5618, 63.0510 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(204, 209, 199) looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 209, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 209, 199) }
```

Border

The CSS property to change the border of an element to XYZ 58.0111, 62.5618, 63.0510 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(204, 209, 199) }
```


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

```
.border{ border-color:rgb(204, 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(204, 209, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 209, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 209, 199);  
box-shadow:4px 4px 4px 4px rgb(204, 209,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0111, 62.5618, 63.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 209, 199) }
```

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

```
.background{ background-color: rgb(204,  
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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