

Converting Colors

XYZ(59.6549, 61.4838, 62.1510)

Have a look what the booklet for
XYZ(59.6549, 61.4838, 62.1510)
contains.

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Color

**XYZ(59.8102, 61.7100,
62.1850)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CCC6
RGB	215, 204, 198
RGB Percent	84%, 80%, 78%
CMY	0.1569, 0.2000, 0.2235
CMYK	0.00, 0.05, 0.08, 0.16
HSL	21°, 18%, 81%
HSV	21°, 8%, 84%
XYZ	59.8102, 61.7100, 62.1850
YIQ	206.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

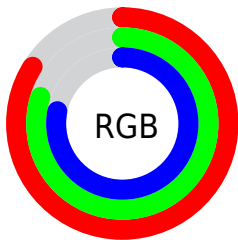
Format	Color
R _Y B	215, 207, 198
Decimal	14142662
CIE Lab	82.76, 2.78, 4.34
CIE LCh	83, 5.153, 57.351
Yxy	61.7100, 0.3256, 0.3359
Android (android.graphics.Color)	4292332742 (0xFFD7CCC6)
YUV	206.6050, -4.2423, 7.3624
Hunter-Lab	78.5557, -1.5674, 8.0548

Details

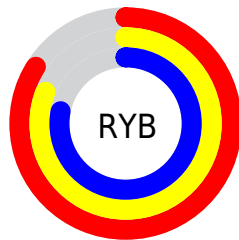
The XYZ color **59.8102, 61.7100, 62.1850** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3547, 62.5119, 73.2810**, and the grayscale version is **59.0781, 62.1548, 67.6866**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4376, 31.2999, 30.8228** is the 20% darker color. If you saturate the color by 10%, you get **54.3455, 54.4712, 48.9846**, and if you desaturate by 10%, it is **65.9255, 69.6854, 77.3406**.

Distribution



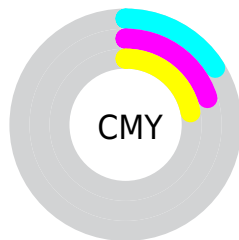
- Red (84%)
- Green (80%)
- Blue (78%)



- Red (84%)
- Yellow (81%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8102, 61.7100, 62.1850 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 59.8102, 61.7100, 62.1850 by changing the saturation by 10% instead.

■ 59.8102, 61.7100,
62.1850

■ 59.8102, 61.7100,
62.1850

413.7438,
430.8725, 450.6319

■ 43.5145, 44.7984,
44.7454

103.6622,
107.3063, 109.5671

■ 30.4853, 31.2987,
30.9155

131.9493,
136.7598, 140.3466

■ 20.3571, 20.8264,
20.2766

164.9642,
171.1627, 176.4100

■ 12.7647, 12.9972,
12.4102

203.0723,
210.8994, 218.1756

■ 7.3426, 7.4266,
6.8978

246.6389,
256.3544, 266.0621

■ 3.7255, 3.7303,
3.3208

296.0295,

■ 1.5480, 1.5239,

307.9120, 320.4879

1.2607

351.6093,
365.9565, 381.8716

■ 0.3582, 0.3054,
0.0292

■ 0.0000, 0.0000,
0.0000

■ 59.8102, 61.7100,
62.1850

■ 59.8102, 61.7100,
62.1850

■ 54.3455, 54.4712,
48.9846

■ 65.9255, 69.6854,
77.3406

■ 49.5040, 47.9396,
37.6551

■ 72.7077, 78.4096,
94.5229

■ 45.2635, 42.0956,
28.1119

■ 78.9470, 87.4121,
107.3190

■ 41.5985, 36.9156,
20.2625

■ 81.8346, 93.1872,
108.2815

■ 38.4818, 32.3746,
14.0058

■ 35.8833, 28.4459,
9.2297

■ 33.7698, 25.1005,
5.8076

■ 32.1035, 22.3067,
3.5909

■ 30.8339, 20.0264,
2.3696

Harmonies

Analogous

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



60.5659, 61.7100, 64.4277



59.8102, 61.7100, 62.1850



58.7520, 61.7100, 61.2802

Triad

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



59.8102, 61.7100, 62.1850



56.5513, 61.7100, 66.9101



59.6376, 61.7100, 72.7571

Complementary

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



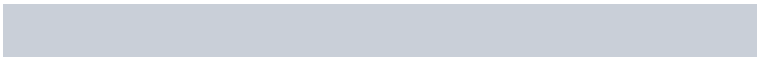
59.8102, 61.7100, 62.1850



58.3547, 62.5119, 73.2810

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.



58.5551, 61.7100, 73.4717



59.8102, 61.7100, 62.1850



56.7818, 61.7100, 70.0336

Square

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



59.8102, 61.7100, 62.1850



56.8782, 61.7100, 63.9540



57.5118, 61.7100, 72.4602



60.4654, 61.7100, 70.5369

Rectangle

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



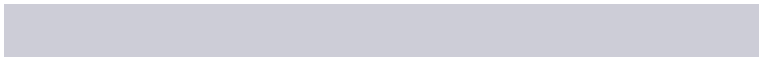
59.8102, 61.7100, 62.1850



58.0206, 61.7100, 61.5355



57.5118, 61.7100, 72.4602



59.2910, 61.7100, 73.1844

Sweetspot

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



59.8119, 61.7127, 62.1863



93.1963, 97.5891, 104.2849



59.7340, 59.4421, 68.6799



19.9673, 20.9134, 22.3696



0.0000, 0.0000, 0.0000



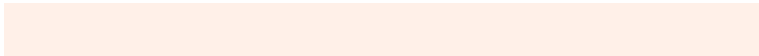
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8119, 61.7127, 62.1863



87.0184, 89.5007, 89.0702



61.8742, 65.8373, 62.8738



12.7785, 13.1312, 13.0218



18.3956, 11.9085, 1.3290



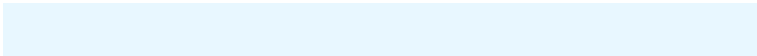
1.1862, 0.8717, 0.1057

Inverse Universe

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



58.3547, 62.5119, 73.2810



84.5735, 90.8413, 107.6844



56.3372, 58.4768, 72.6084



12.4060, 13.3354, 15.8576



12.9676, 14.1970, 40.5100



0.8587, 1.0094, 2.4689

Previews

White Background



This preview shows how the XYZ color 59.8102, 61.7100, 62.1850 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 59.8102, 61.7100, 62.1850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

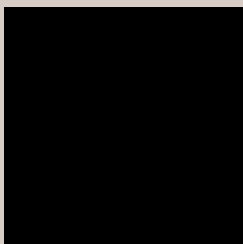
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

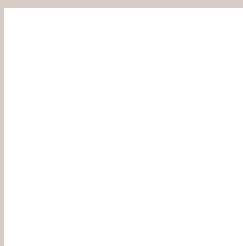
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8102, 61.7100, 62.1850

Background



This preview shows how black text looks on a background with the XYZ color 59.8102, 61.7100, 62.1850.

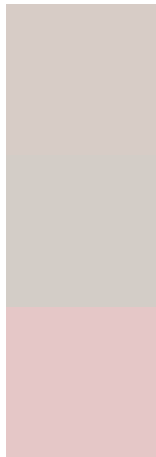


This preview shows how white text looks on a background with the XYZ color 59.8102, 61.7100,

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

59.8102, 61.7100, 62.1850

Protanopia

59.0041, 61.6350, 62.8197

Deuteranopia

63.0453, 61.6284, 62.6055



Tritanopia

62.3245, 61.6885, 74.2679

Trichromacy



Original Color

59.8102, 61.7100, 62.1850

Protanomaly

59.2915, 61.7832, 62.8332

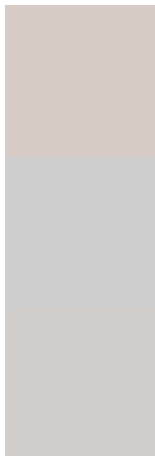
Deuteranomaly

61.9359, 61.7441, 62.6863

Tritanomaly

61.3687, 61.6459, 69.6371

Monochromacy



Original Color

59.8102, 61.7100, 62.1850

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.5487, 62.2039, 65.9947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8102, 61.7100, 62.1850 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(215, 204, 198) looks like.

```
.text, #text, p{  
    color:rgb(215, 204, 198)  
}
```

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(215, 204, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 204, 198) }
```

Border

The CSS property to change the border of an element to XYZ 59.8102, 61.7100, 62.1850 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(215, 204, 198) }
```


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

```
.border{ border-color:rgb(215, 204, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 204, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 204, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 204, 198);  
box-shadow:4px 4px 4px 4px rgb(215, 204,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8102, 61.7100, 62.1850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 204, 198) }
```

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

```
.background{ background-color: rgb(215,  
204, 198) }
```

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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