

Converting Colors

XYZ(58.9329, 61.8491, 61.6233)

Have a look what the booklet for
XYZ(58.9329, 61.8491, 61.6233)
contains.

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Color

**XYZ(59.0133, 62.0227,
61.6846)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CEC5
RGB	211, 206, 197
RGB Percent	83%, 81%, 77%
CMY	0.1725, 0.1921, 0.2274
CMYK	0.00, 0.02, 0.07, 0.17
HSL	39°, 14%, 80%
HSV	39°, 7%, 83%
XYZ	59.0133, 62.0227, 61.6846
YIQ	206.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

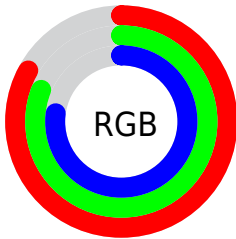
Format	Color
R _Y B	205, 211, 197
Decimal	13881029
CIE Lab	82.93, 0.15, 5.07
CIE LCh	83, 5.075, 88.297
Yxy	62.0227, 0.3230, 0.3394
Android (android.graphics.Color)	4292071109 (0xFFD3CEC5)
YUV	206.4690, -4.6682, 3.9737
Hunter-Lab	78.7545, -4.0645, 8.6891

Details

The XYZ color **59.0133, 62.0227, 61.6846** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9043, 58.8136, 70.0344**, and the grayscale version is **58.9946, 62.0669, 67.5909**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **29.8965, 31.5076, 30.4925** is the 20% darker color. If you saturate the color by 10%, you get **54.9939, 57.5855, 49.2398**, and if you desaturate by 10%, it is **63.4615, 66.7744, 75.9434**.

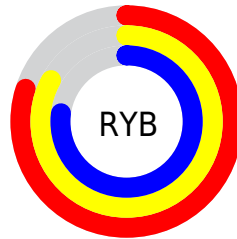
Distribution



Red (83%)

Green (81%)

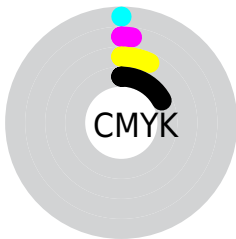
Blue (77%)



Red (80%)

Yellow (83%)

Blue (77%)

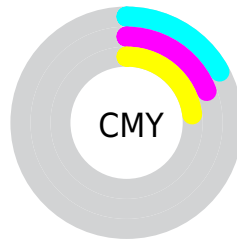


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (17%)



Cyan (17%)

Magenta (19%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0133, 62.0227, 61.6846 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 59.0133, 62.0227, 61.6846 by changing the saturation by 10% instead.

■ 59.0133, 62.0227,
61.6846

■ 59.0133, 62.0227,
61.6846

410.8445,
432.0139, 448.7555

■ 42.8702, 45.0510,
44.3438

102.5115,
107.7583, 108.8367

■ 29.9774, 31.4976,
30.6017

130.5974,
137.2911, 139.4851

■ 19.9694, 20.9781,
20.0398

163.3949,
171.7797, 175.4064

■ 12.4809, 13.1080,
12.2396

201.2694,
211.6085, 217.0191

■ 7.1466, 7.5029,
6.7826

244.5862,
257.1620, 264.7419

■ 3.6011, 3.7786,
3.2501

293.7108,

■ 1.4790, 1.5505,

308.8244, 318.9932

1.2237

349.0084,
366.9802, 380.1915

■ 0.3115, 0.3239,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0133, 62.0227,
61.6846

■ 59.0133, 62.0227,
61.6846

■ 54.9939, 57.5855,
49.2398

■ 63.4615, 66.7744,
75.9434

■ 51.3829, 53.4467,
38.5310

■ 68.3476, 71.8401,
92.0819

■ 48.1659, 49.6006,
29.4804

■ 72.8215, 76.8836,
105.6097

■ 45.3254, 46.0382,
22.0027

■ 74.9456, 81.1317,
106.3177

■ 42.8427, 42.7499,
16.0047

■ 77.1610, 85.5626,
107.0562

■ 40.6969, 39.7253,
11.3837

■ 79.4690, 90.1785,
107.8255

■ 38.8648, 36.9529,
8.0234

■ 80.6743, 92.5890,
108.2272

■ 37.3192, 34.4196,
5.7880

■ 36.0256, 32.1095,
4.5029

Harmonies

Analogous

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



60.0637, 62.0227, 62.5327



59.0133, 62.0227, 61.6846



57.9586, 62.0227, 62.3626

Triad

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



59.0133, 62.0227, 61.6846



57.1169, 62.0227, 70.4300



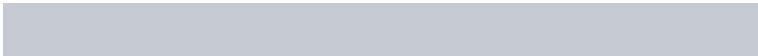
60.7595, 62.0227, 70.7496

Complementary

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



59.0133, 62.0227, 61.6846



55.9043, 58.8136, 70.0344

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.



59.9540, 62.0227, 72.9798



59.0133, 62.0227, 61.6846



57.8516, 62.0227, 72.7913

Square

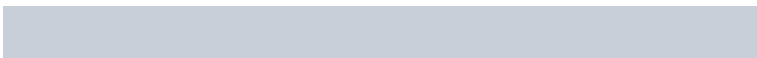
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.0133, 62.0227, 61.6846



56.8719, 62.0227, 67.3532



58.8882, 62.0227, 73.7381



61.0796, 62.0227, 67.7115

Rectangle

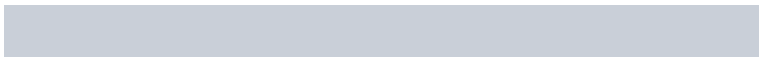
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.0133, 62.0227, 61.6846



57.3933, 62.0227, 63.6010



58.8882, 62.0227, 73.7381



60.5361, 62.0227, 71.6221

Sweetspot

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



59.0150, 62.0254, 61.6859



93.6618, 98.5201, 104.4401



57.5075, 58.0529, 64.1351



20.0621, 21.1030, 22.4012



0.0000, 0.0000, 0.0000



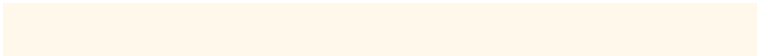
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0150, 62.0254, 61.6859



89.6590, 94.1978, 91.7511



59.7053, 64.1952, 62.0684



12.4337, 13.0582, 12.4772



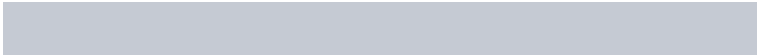
21.6003, 19.1336, 2.5547



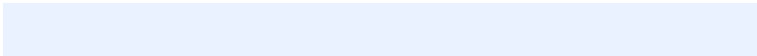
1.2812, 1.2168, 0.1673

Inverse Universe

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



55.9043, 58.8136, 70.0344



83.8954, 88.2470, 107.2194



55.2428, 56.7605, 69.6729



11.5040, 12.0982, 14.9725



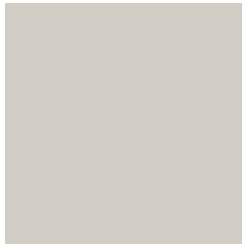
8.7149, 6.0764, 37.9060



0.5614, 0.4881, 2.1442

Previews

White Background



This preview shows how the XYZ color 59.0133, 62.0227, 61.6846 looks on a white background.

Color Contrast Check

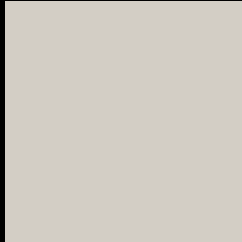
Large Text (above 18pt) WCAG AA × Fail

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 59.0133, 62.0227, 61.6846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

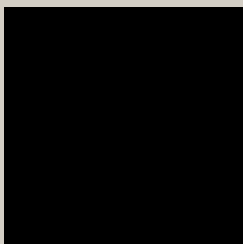
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

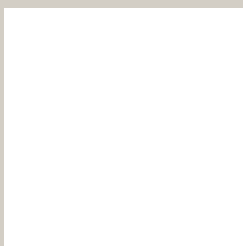
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0133, 62.0227, 61.6846

Background



This preview shows how black text looks on a background with the XYZ color 59.0133, 62.0227, 61.6846.

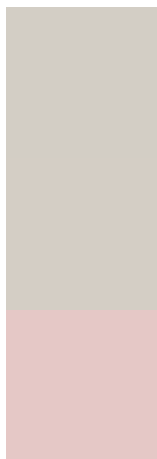


This preview shows how white text looks on a background with the XYZ color 59.0133, 62.0227,

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

59.0133, 62.0227, 61.6846

Protanopia

59.3007, 62.1709, 61.6980

Deuteranopia

63.1604, 62.0438, 62.0728



Tritanopia

61.8737, 62.1225, 75.7476

Trichromacy



Original Color

59.0133, 62.0227, 61.6846

Protanomaly

59.3007, 62.1709, 61.6980

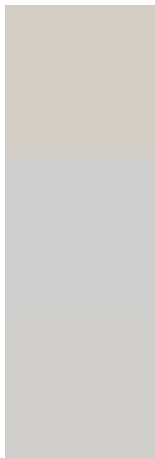
Deuteranomaly

61.4378, 61.8479, 62.1258

Tritanomaly

60.7913, 62.0350, 70.3979

Monochromacy



Original Color

59.0133, 62.0227, 61.6846

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.8632, 61.8643, 65.3385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0133, 62.0227, 61.6846 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(211, 206, 197) looks like.

```
.text, #text, p{  
    color:rgb(211, 206, 197)  
}
```

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(211, 206, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 206, 197) }
```

Border

The CSS property to change the border of an element to XYZ 59.0133, 62.0227, 61.6846 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(211, 206, 197) }
```


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

```
.border{ border-color:rgb(211, 206, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 206, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 206, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 206, 197);  
box-shadow:4px 4px 4px 4px rgb(211, 206,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0133, 62.0227, 61.6846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 206, 197) }
```

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

```
.background{ background-color: rgb(211,  
206, 197) }
```

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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