

Converting Colors

XYZ(58.8021, 61.6969, 58.5098)

Have a look what the booklet for
XYZ(58.8021, 61.6969, 58.5098)
contains.

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Color

**XYZ(58.7863, 61.6145,
58.6636)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CDC0
RGB	213, 205, 192
RGB Percent	84%, 80%, 75%
CMY	0.1647, 0.1961, 0.2471
CMYK	0.00, 0.04, 0.10, 0.16
HSL	37°, 20%, 79%
HSV	37°, 10%, 84%
XYZ	58.7863, 61.6145, 58.6636
YIQ	205.9100, 8.9410, -2.3470

Conversions

Conversions Part 2

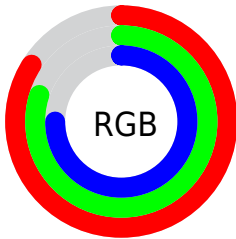
Format	Color
RYB	205, 213, 192
Decimal	14011840
CIELab	82.71, 0.54, 7.44
CIELCh	83, 7.464, 85.846
Yxy	61.6145, 0.3283, 0.3441
Android (android.graphics.Color)	4292201920 (0xFFD5CDC0)
YUV	205.9100, -6.8576, 6.2179
Hunter-Lab	78.4949, -3.6841, 10.6357

Details

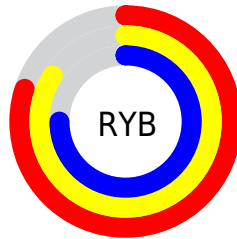
The XYZ color **58.7863, 61.6145, 58.6636** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4027, 57.3182, 71.1476**, and the grayscale version is **58.6485, 61.7028, 67.1943**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **29.8274, 31.2664, 28.8890** is the 20% darker color. If you saturate the color by 10%, you get **54.7055, 56.9599, 46.4901**, and if you desaturate by 10%, it is **63.3127, 66.6123, 72.6722**.

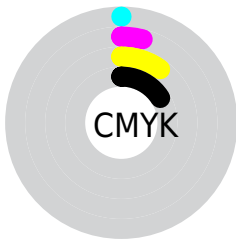
Distribution



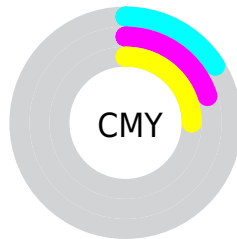
- Red (84%)
- Green (80%)
- Blue (75%)



- Red (80%)
- Yellow (84%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7863, 61.6145, 58.6636 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 58.7863, 61.6145, 58.6636 by changing the saturation by 10% instead.

■ 58.7863, 61.6145,
58.6636

■ 58.7863, 61.6145,
58.6636

410.0163,
430.5235, 437.3212

■ 42.6868, 44.7213,
41.9241

■ 102.1834,
107.1682, 104.4129

■ 29.8329, 31.2379,
28.7168

130.2118,
136.5974, 134.2598

■ 19.8592, 20.7801,
18.6229

162.9471,
170.9741, 169.3130

■ 12.4004, 12.9634,
11.2241

200.7548,
210.6827, 209.9909

■ 7.0911, 7.4033,
6.1017

244.0002,
256.1076, 256.7122

■ 3.5660, 3.7156,
2.8372

293.0487,

■ 1.4597, 1.5158,

307.6330, 309.8953

1.0121

348.2656,
365.6436, 369.9588

■ 0.2981, 0.2998,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7863, 61.6145,
58.6636

■ 58.7863, 61.6145,
58.6636

■ 54.7055, 56.9599,
46.4901

■ 63.3127, 66.6123,
72.6722

■ 51.0490, 52.6316,
36.0704

■ 68.2949, 71.9537,
88.5848

■ 47.8015, 48.6228,
27.3228

■ 73.6033, 77.5911,
105.7050

■ 44.9443, 44.9237,
20.1575

■ 75.9045, 82.1935,
106.4721

■ 42.4573, 41.5236,
14.4762

■ 78.3120, 87.0085,
107.2746

■ 40.3181, 38.4110,
10.1696

■ 80.8271, 92.0388,
108.1130

■ 38.5015, 35.5729,
7.1130

■ 81.2508, 92.8863,
108.2542

■ 36.9778, 32.9946,
5.1587

■ 35.6954, 30.6527,
4.0438

Harmonies

Analogous

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



60.3102, 61.6145, 60.0452



58.7863, 61.6145, 58.6636



57.2294, 61.6145, 59.4533

Triad

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



58.7863, 61.6145, 58.6636



55.8325, 61.6145, 71.0098



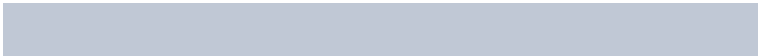
61.1504, 61.6145, 72.1663

Complementary

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



58.7863, 61.6145, 58.6636



54.4027, 57.3182, 71.1476

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.



59.9166, 61.6145, 75.3492



58.7863, 61.6145, 58.6636



56.8494, 61.6145, 74.6604

Square

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



58.7863, 61.6145, 58.6636



55.5422, 61.6145, 66.4503



58.3397, 61.6145, 76.2820



61.6908, 61.6145, 67.7292

Rectangle

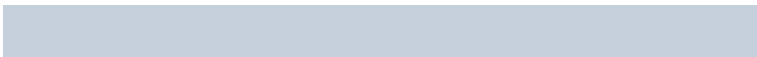
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.7863, 61.6145, 58.6636



56.3792, 61.6145, 61.1250



58.3397, 61.6145, 76.2820



60.8019, 61.6145, 73.4262

Sweetspot

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



58.7880, 61.6172, 58.6649



92.9204, 97.6726, 102.2344



56.7222, 56.0188, 62.4982



19.7692, 20.7745, 21.5105



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.



58.7880, 61.6172, 58.6649



86.9039, 90.9736, 83.7851



60.0446, 65.1775, 59.2859



13.0572, 13.6886, 13.1147



21.8950, 18.9072, 2.4955



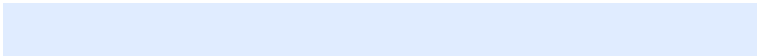
1.3994, 1.2979, 0.1768

Inverse Universe

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



54.4027, 57.3182, 71.1476



78.9249, 83.1518, 106.4979



53.2245, 54.0333, 70.5757



12.1263, 12.7760, 15.7644



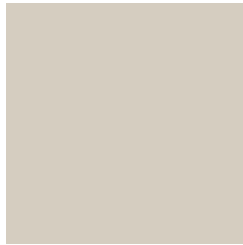
9.2298, 6.7213, 39.2640



0.6354, 0.5628, 2.3944

Previews

White Background



This preview shows how the XYZ color 58.7863, 61.6145, 58.6636 looks on a white background.

Color Contrast Check

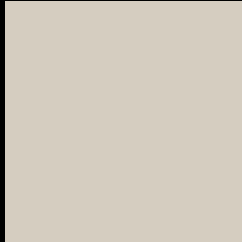
Large Text (above 18pt) WCAG AA × Fail

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 58.7863, 61.6145, 58.6636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

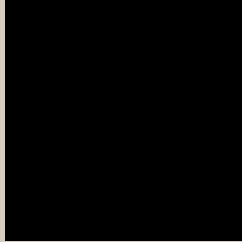
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

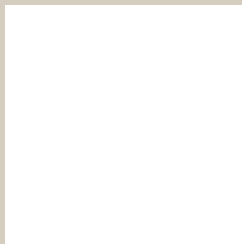
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7863, 61.6145, 58.6636

Background



This preview shows how black text looks on a background with the XYZ color 58.7863, 61.6145, 58.6636.

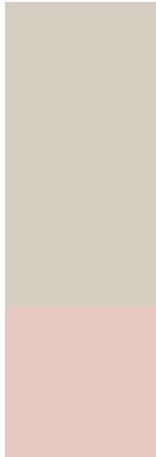


This preview shows how white text looks on a background with the XYZ color 58.7863, 61.6145,

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

58.7863, 61.6145, 58.6636

Protanopia

58.7863, 61.6145, 58.6636

Deuteranopia

62.6822, 61.5201, 59.0229



Tritanopia

62.0263, 61.5348, 74.2539

Trichromacy



Original Color

58.7863, 61.6145, 58.6636

Protanomaly

58.7863, 61.6145, 58.6636

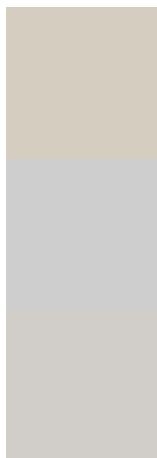
Deuteranomaly

61.2528, 61.4708, 59.0888

Tritanomaly

60.8246, 61.3941, 68.3189

Monochromacy



Original Color

58.7863, 61.6145, 58.6636

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.9084, 61.9150, 64.1043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7863, 61.6145, 58.6636 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(213, 205, 192) looks like.

```
.text, #text, p{  
    color:rgb(213, 205, 192)  
}
```

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(213, 205, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 205, 192) }
```

Border

The CSS property to change the border of an element to XYZ 58.7863, 61.6145, 58.6636 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(213, 205, 192) }
```


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

```
.border{ border-color:rgb(213, 205, 192) }
```

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

Here you see how a box with a 4 pixel rgb(213, 205, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 205, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 205, 192);  
box-shadow:4px 4px 4px 4px rgb(213, 205,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7863, 61.6145, 58.6636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 205, 192) }
```

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

```
.background{ background-color: rgb(213,  
205, 192) }
```

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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