

Converting Colors

XYZ(58.5556, 61.5040, 57.5019)

Have a look what the booklet for
XYZ(58.5556, 61.5040, 57.5019)
contains.

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Color

**XYZ(58.5662, 61.5265,
57.5042)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CDBE
RGB	213, 205, 190
RGB Percent	84%, 80%, 75%
CMY	0.1647, 0.1961, 0.2549
CMYK	0.00, 0.04, 0.11, 0.16
HSL	39°, 21%, 79%
HSV	39°, 11%, 84%
XYZ	58.5662, 61.5265, 57.5042
YIQ	205.6820, 9.5830, -2.9690

Conversions

Conversions Part 2

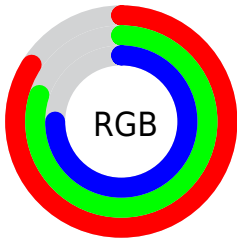
Format	Color
RYB	202, 213, 190
Decimal	14011838
CIELab	82.66, 0.21, 8.44
CIELCh	83, 8.445, 88.568
Yxy	61.5265, 0.3298, 0.3464
Android (android.graphics.Color)	4292201918 (0xFFD5CDBE)
YUV	205.6820, -7.7312, 6.4179
Hunter-Lab	78.4388, -3.9913, 11.4412

Details

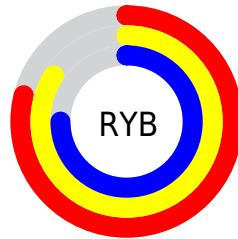
The XYZ color **58.5662, 61.5265, 57.5042** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4394, 56.1385, 70.9708**, and the grayscale version is **58.5079, 61.5549, 67.0333**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **29.6825, 31.2085, 28.1263** is the 20% darker color. If you saturate the color by 10%, you get **54.6771, 57.2053, 45.5492**, and if you desaturate by 10%, it is **62.8828, 66.1569, 71.2817**.

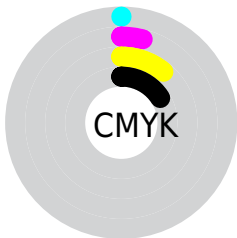
Distribution



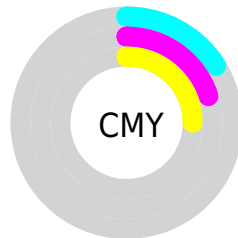
- Red (84%)
- Green (80%)
- Blue (75%)



- Red (79%)
- Yellow (84%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5662, 61.5265, 57.5042 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 58.5662, 61.5265, 57.5042 by changing the saturation by 10% instead.

■ 58.5662, 61.5265,
57.5042

■ 58.5662, 61.5265,
57.5042

409.2124,
430.2018, 432.8825

■ 42.5090, 44.6502,
40.9981

■ 101.8652,
107.0409, 102.7081

■ 29.6929, 31.1820,
27.9979

129.8377,
136.4478, 132.2431

■ 19.7525, 20.7375,
18.0851

162.5126,
170.8004, 166.9581

■ 12.3225, 12.9322,
10.8410

200.2555,
210.4830, 207.2716

■ 7.0375, 7.3819,
5.8472

243.4315,
255.8800, 253.6023

■ 3.5321, 3.7021,
2.6851

292.4061,

■ 1.4410, 1.5083,

307.3759, 306.3687

0.9359

347.5446,
365.3550, 365.9892

■ 0.2851, 0.2946,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5662, 61.5265,
57.5042

■ 58.5662, 61.5265,
57.5042

■ 54.6771, 57.2053,
45.5492

■ 62.8828, 66.1569,
71.2817

■ 51.1946, 53.1770,
35.3351

■ 67.6368, 71.0963,
86.9509

■ 48.1035, 49.4357,
26.7796

■ 72.8440, 76.3546,
104.5821

■ 45.3855, 45.9722,
19.7925

■ 75.0921, 80.5687,
106.2013

■ 43.0206, 42.7765,
14.2746

■ 77.2521, 84.8887,
106.9213

■ 40.9866, 39.8377,
10.1156

■ 79.5013, 89.3872,
107.6710

■ 39.2585, 37.1438,
7.1891

■ 81.2509, 92.8863,
108.2542

■ 37.8063, 34.6807,
5.3448

■ 36.6664, 32.5972,
4.3594

Harmonies

Analogous

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



60.3148, 61.5265, 58.8339



58.5662, 61.5265, 57.5042



56.8289, 61.5265, 58.6055

Triad

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



58.5662, 61.5265, 57.5042



55.4724, 61.5265, 71.8774



61.5024, 61.5265, 72.3310

Complementary

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



58.5662, 61.5265, 57.5042



53.4394, 56.1385, 70.9708

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.



60.1610, 61.5265, 76.1424



58.5662, 61.5265, 57.5042



56.6810, 61.5265, 75.8712

Square

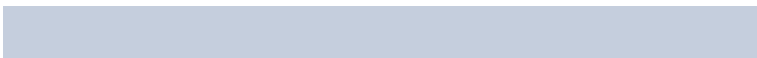
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.5662, 61.5265, 57.5042



55.0650, 61.5265, 66.7429



58.3921, 61.5265, 77.4697



62.0315, 61.5265, 67.2416

Rectangle

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



58.5662, 61.5265, 57.5042



55.9058, 61.5265, 60.6039



58.3921, 61.5265, 77.4697



61.1302, 61.5265, 73.8137

Sweetspot

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



58.5679, 61.5292, 57.5055



93.0000, 97.8319, 102.2609



56.0536, 55.0534, 61.1292



19.7907, 20.8176, 21.5177



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.



58.5679, 61.5292, 57.5055



86.5977, 90.9119, 81.9854



59.5397, 64.9427, 58.1132



13.0926, 13.7593, 13.1265



22.4960, 20.1092, 2.6958



1.4329, 1.3650, 0.1879

Inverse Universe

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



53.4394, 56.1385, 70.9708



77.3734, 81.2161, 106.2060



52.5317, 53.0286, 70.4183



12.0922, 12.7078, 15.7530



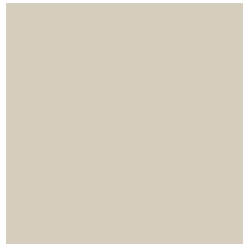
8.9208, 6.1034, 39.1611



0.6143, 0.5206, 2.3874

Previews

White Background



This preview shows how the XYZ color 58.5662, 61.5265, 57.5042 looks on a white background.

Color Contrast Check

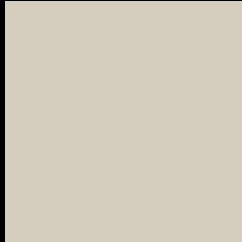
Large Text (above 18pt) WCAG AA × Fail

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 58.5662, 61.5265, 57.5042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

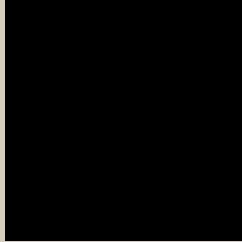
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

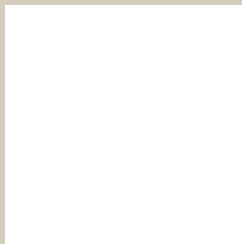
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5662, 61.5265, 57.5042

Background



This preview shows how black text looks on a background with the XYZ color 58.5662, 61.5265, 57.5042.

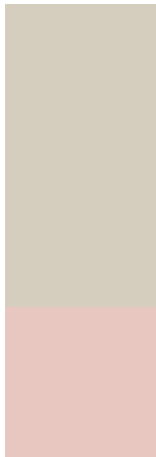


This preview shows how white text looks on a background with the XYZ color 58.5662, 61.5265,

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

58.5662, 61.5265, 57.5042

Protanopia

58.5662, 61.5265, 57.5042

Deuteranopia

62.7824, 61.5974, 57.8707



Tritanopia

62.0263, 61.5348, 74.2539

Trichromacy



Original Color

58.5662, 61.5265, 57.5042

Protanomaly

58.5662, 61.5265, 57.5042

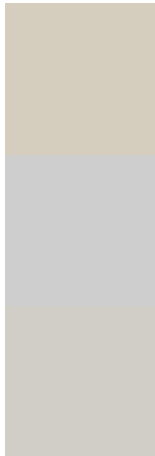
Deuteranomaly

61.0311, 61.3822, 57.9215

Tritanomaly

60.7019, 61.3450, 67.6729

Monochromacy



Original Color

58.5662, 61.5265, 57.5042

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.7911, 61.8681, 63.4867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5662, 61.5265, 57.5042 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, 190) looks like.

```
.text, #text, p{  
    color:rgb(213, 205, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 205, 190) }
```

Border

The CSS property to change the border of an element to XYZ 58.5662, 61.5265, 57.5042 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, 190) }
```


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

```
.border{ border-color:rgb(213, 205, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 205, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 205, 190);  
box-shadow:4px 4px 4px 4px rgb(213, 205,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5662, 61.5265, 57.5042 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, 190) }
```

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

```
.background{ background-color: rgb(213,  
205, 190) }
```

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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