

Converting Colors

XYZ(58.9115, 61.3505, 57.4521)

Have a look what the booklet for
XYZ(58.9115, 61.3505, 57.4521)
contains.

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Color

**XYZ(58.9115, 61.3505,
57.4521)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CCBE
RGB	215, 204, 190
RGB Percent	84%, 80%, 75%
CMY	0.1569, 0.2000, 0.2549
CMYK	0.00, 0.05, 0.12, 0.16
HSL	34°, 24%, 79%
HSV	34°, 12%, 84%
XYZ	58.9115, 61.3505, 57.4521
YIQ	205.6930, 11.0500, -2.0220

Conversions

Conversions Part 2

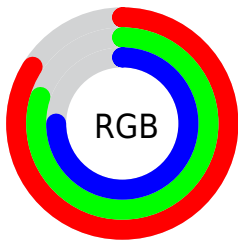
Format	Color
R_{YB}	210, 215, 190
Decimal	14142654
CIE Lab	82.57, 1.45, 8.33
CIE LCh	83, 8.454, 80.114
Yxy	61.3505, 0.3315, 0.3452
Android (android.graphics.Color)	4292332734 (0xFFD7CCBE)
YUV	205.6930, -7.7366, 8.1622
Hunter-Lab	78.3266, -2.8169, 11.3397

Details

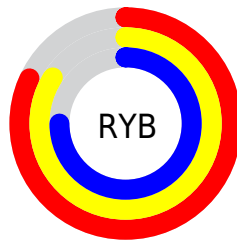
The XYZ color **58.9115, 61.3505, 57.4521** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3875, 57.6258, 72.5471**, and the grayscale version is **58.5143, 61.5616, 67.0406**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **29.9189, 31.0924, 28.0915** is the 20% darker color. If you saturate the color by 10%, you get **54.5534, 56.1213, 45.2484**, and if you desaturate by 10%, it is **63.7561, 66.9968, 71.5297**.

Distribution



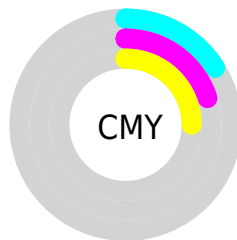
- Red (84%)
- Green (80%)
- Blue (75%)



- Red (82%)
- Yellow (84%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9115, 61.3505, 57.4521 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 58.9115, 61.3505, 57.4521 by changing the saturation by 10% instead.

■ 58.9115, 61.3505,
57.4521

■ 58.9115, 61.3505,
57.4521

410.4732,
429.5580, 432.6823

■ 42.7880, 44.5081,
40.9565

■ 102.3644,
106.7863, 102.6314

■ 29.9126, 31.0702,
27.9657

130.4245,
136.1484, 132.1523

■ 19.9200, 20.6523,
18.0610

163.1941,
170.4526, 166.8520

■ 12.4448, 12.8701,
10.8239

201.0387,
210.0832, 207.1491

■ 7.1217, 7.3391,
5.8359

244.3235,
255.4247, 253.4622

■ 3.5854, 3.6751,
2.6784

293.4140,

■ 1.4703, 1.4935,

306.8614, 306.2097

0.9325

348.6754,
364.7777, 365.8102

■ 0.3055, 0.2842,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9115, 61.3505,
57.4521

■ 58.9115, 61.3505,
57.4521

■ 54.5534, 56.1213,
45.2484

■ 63.7561, 66.9968,
71.5297

■ 50.6594, 51.2902,
34.8343

■ 69.0988, 73.0624,
87.5527

■ 47.2123, 46.8485,
26.1247

■ 74.9569, 79.5599,
105.5939

■ 44.1921, 42.7841,
19.0260

■ 77.7768, 85.0715,
106.9289

■ 41.5767, 39.0839,
13.4356

■ 80.6621, 90.8421,
107.8907

■ 39.3419, 35.7341,
9.2388

■ 81.8346, 93.1872,
108.2815

■ 37.4602, 32.7190,
6.3043

■ 35.8989, 30.0211,
4.4749

■ 34.7934, 27.9848,
3.5678

Harmonies

Analogous

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



60.5727, 61.3505, 59.4386



58.9115, 61.3505, 57.4521



57.1228, 61.3505, 57.8692

Triad

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



58.9115, 61.3505, 57.4521



55.1037, 61.3505, 70.2878



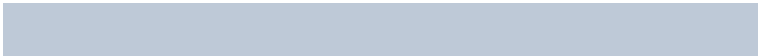
61.0240, 61.3505, 73.3995

Complementary

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



58.9115, 61.3505, 57.4521



54.3875, 57.6258, 72.5471

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.



59.5172, 61.3505, 76.6060



58.9115, 61.3505, 57.4521



56.1079, 61.3505, 74.7460

Square

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



58.9115, 61.3505, 57.4521



54.9492, 61.3505, 65.1032



57.7162, 61.3505, 77.1112



61.8089, 61.3505, 68.5265

Rectangle

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



58.9115, 61.3505, 57.4521



56.0975, 61.3505, 59.4622



57.7162, 61.3505, 77.1112



60.5836, 61.3505, 74.7184

Sweetspot

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



58.9132, 61.3532, 57.4534



92.7785, 97.3889, 102.1871



57.0107, 55.5037, 63.1220



19.7309, 20.6979, 21.4977



0.0000, 0.0000, 0.0000



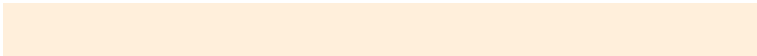
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9132, 61.3532, 57.4534



85.0194, 88.2977, 79.7872



61.2541, 66.5779, 58.3385



12.9945, 13.5632, 13.0938



20.9177, 16.9527, 2.1697



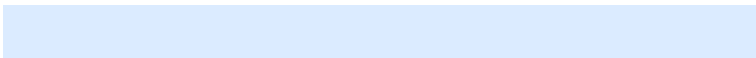
1.3435, 1.1862, 0.1581

Inverse Universe

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



54.3875, 57.6258, 72.5471



77.0628, 81.7447, 106.3244



52.2289, 52.8430, 71.7376



12.1876, 12.8986, 15.7848



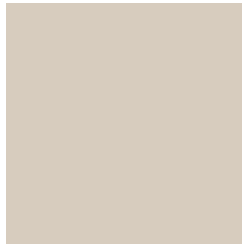
9.8625, 7.9867, 39.4749



0.6765, 0.6450, 2.4082

Previews

White Background



This preview shows how the XYZ color 58.9115, 61.3505, 57.4521 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 58.9115, 61.3505, 57.4521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

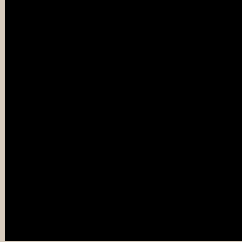
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

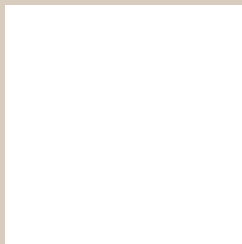
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9115, 61.3505, 57.4521

Background



This preview shows how black text looks on a background with the XYZ color 58.9115, 61.3505, 57.4521.

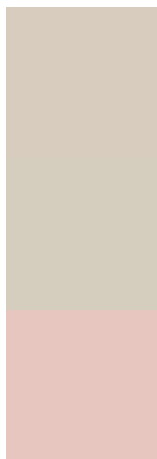


This preview shows how white text looks on a background with the XYZ color 58.9115, 61.3505,

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

58.9115, 61.3505, 57.4521

Protanopia

58.5662, 61.5265, 57.5042

Deuteranopia

62.5531, 61.1387, 57.7943



Tritanopia

62.2624, 61.3265, 73.5214

Trichromacy



Original Color

58.9115, 61.3505, 57.4521

Protanomaly

58.8571, 61.6765, 57.5178

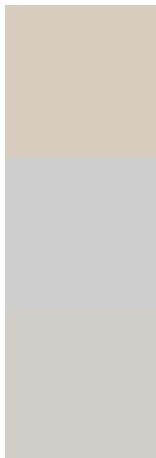
Deuteranomaly

61.1096, 61.0777, 57.8586

Tritanomaly

61.0626, 61.1837, 67.6228

Monochromacy



Original Color

58.9115, 61.3505, 57.4521

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.5511, 61.3881, 63.4067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9115, 61.3505, 57.4521 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, 190) looks like.

```
.text, #text, p{  
    color:rgb(215, 204, 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(215, 204, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 204, 190) }
```

Border

The CSS property to change the border of an element to XYZ 58.9115, 61.3505, 57.4521 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, 190) }
```


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

```
.border{ border-color:rgb(215, 204, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 204, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 204, 190);  
box-shadow:4px 4px 4px 4px rgb(215, 204,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9115, 61.3505, 57.4521 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, 190) }
```

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

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