

Converting Colors

XYZ(61.5829, 63.8354, 59.2331)

Have a look what the booklet for
XYZ(61.5829, 63.8354, 59.2331)
contains.

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Color

**XYZ(61.3425, 63.6471,
58.9212)**

Conversions

Conversions Part 1

Format	Color
Hex	DCCFC0
RGB	220, 207, 192
RGB Percent	86%, 81%, 75%
CMY	0.1373, 0.1882, 0.2471
CMYK	0.00, 0.06, 0.13, 0.14
HSL	32°, 29%, 81%
HSV	32°, 13%, 86%
XYZ	61.3425, 63.6471, 58.9212
YIQ	209.1770, 12.5630, -1.9090

Conversions

Conversions Part 2

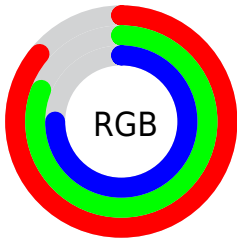
Format	Color
R_{YB}	216, 220, 192
Decimal	14471104
CIE _{Lab}	83.78, 2.00, 9.06
CIE _{LCh}	84, 9.276, 77.549
Yxy	63.6471, 0.3335, 0.3461
Android (android.graphics.Color)	4292661184 (0xFFDCCFC0)
YUV	209.1770, -8.4683, 9.4918
Hunter-Lab	79.7791, -2.3641, 12.0565

Details

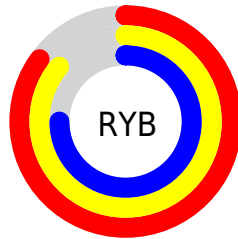
The XYZ color **61.3425, 63.6471, 58.9212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4877, 60.0353, 76.3216**, and the grayscale version is **60.7691, 63.9339, 69.6240**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **31.5685, 32.6459, 29.0635** is the 20% darker color. If you saturate the color by 10%, you get **56.6909, 57.9573, 46.2299**, and if you desaturate by 10%, it is **66.5220, 69.8083, 73.5877**.

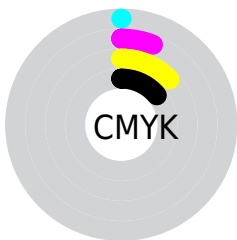
Distribution



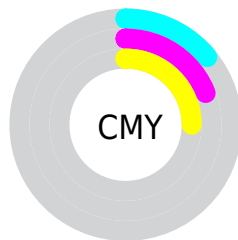
- Red (86%)
- Green (81%)
- Blue (75%)



- Red (85%)
- Yellow (86%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (14%)



- Cyan (14%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3425, 63.6471, 58.9212 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 61.3425, 63.6471, 58.9212 by changing the saturation by 10% instead.

61.3425, 63.6471,
58.9212

61.3425, 63.6471,
58.9212

419.2846,
437.9141, 438.3036

44.7552, 46.3649,
42.1301

105.8700,
110.1025, 104.7911

31.4651, 32.5339,
28.8768

134.5409,
140.0446, 134.7070

21.1068, 21.7696,
18.7429

167.9705,
174.9754, 169.8349

13.3150, 13.6877,
11.3097

206.5240,
215.2793, 210.5934

7.7243, 7.9038,
6.1588

250.5668,
261.3407, 257.4010

3.9694, 4.0334,
2.8715

300.4642,

1.6848, 1.6923,

313.5441, 310.6761

1.0294

356.5817,
372.2738, 370.8375

■ 0.4467, 0.4187,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3425, 63.6471,
58.9212

■ 61.3425, 63.6471,
58.9212

■ 56.6909, 57.9573,
46.2299

■ 66.5220, 69.8083,
73.5877

■ 52.5429, 52.7181,
35.4238

■ 72.2422, 76.4444,
90.3059

■ 48.8799, 47.9190,
26.4121

■ 78.0349, 83.3746,
106.5878

■ 45.6798, 43.5464,
19.0947

■ 81.0867, 89.4782,
107.6050

■ 42.9186, 39.5852,
13.3615

■ 83.3255, 93.9558,
108.3513

■ 40.5698, 36.0195,
9.0893

■ 38.6032, 32.8314,
6.1363

■ 36.9828, 30.0008,
4.3318

■ 35.9810, 28.1469,
3.5365

Harmonies

Analogous

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



63.1751, 63.6471, 61.3546



61.3425, 63.6471, 58.9212



59.3222, 63.6471, 59.1531

Triad

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



61.3425, 63.6471, 58.9212



56.8390, 63.6471, 72.7359



63.4288, 63.6471, 77.1456

Complementary

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



61.3425, 63.6471, 58.9212



56.4877, 60.0353, 76.3216

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.



61.6825, 63.6471, 80.5476



61.3425, 63.6471, 58.9212



57.8911, 63.6471, 77.9052

Square

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



61.3425, 63.6471, 58.9212



56.7526, 63.6471, 66.9120



59.6547, 63.6471, 80.8331



64.3977, 63.6471, 71.7460

Rectangle

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



61.3425, 63.6471, 58.9212



58.1405, 63.6471, 60.7881



59.6547, 63.6471, 80.8331



62.9115, 63.6471, 78.5735

Sweetspot

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



61.3442, 63.6499, 58.9226



91.9592, 96.3769, 99.9820



59.3931, 57.3268, 65.7355



19.5616, 20.4854, 21.0524



0.0000, 0.0000, 0.0000



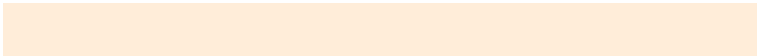
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3442, 63.6499, 58.9226



84.0876, 86.9681, 77.8299



64.3418, 70.0633, 60.0025



13.6310, 14.2013, 13.7483



21.2294, 16.7443, 2.1131



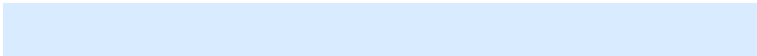
1.4613, 1.2566, 0.1655

Inverse Universe

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



56.4877, 60.0353, 76.3216



76.1573, 81.0660, 106.2411



53.7441, 54.1962, 75.3391



12.8343, 13.6084, 16.6024



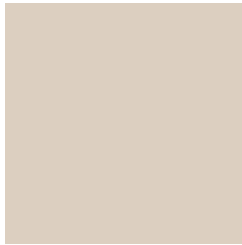
10.4856, 8.8407, 40.8922



0.7650, 0.7440, 2.6777

Previews

White Background



This preview shows how the XYZ color 61.3425, 63.6471, 58.9212 looks on a white background.

Color Contrast Check

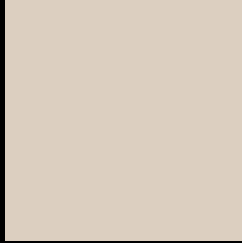
Large Text (above 18pt) WCAG AA × Fail

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 61.3425, 63.6471, 58.9212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

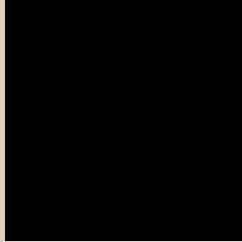
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

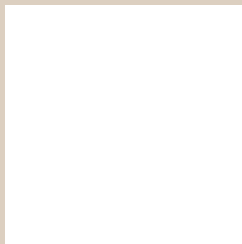
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3425, 63.6471, 58.9212

Background



This preview shows how black text looks on a background with the XYZ color 61.3425, 63.6471, 58.9212.



This preview shows how white text looks on a background with the XYZ color 61.3425, 63.6471,

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

61.3425, 63.6471, 58.9212

Protanopia

60.5004, 63.5609, 59.5318

Deuteranopia

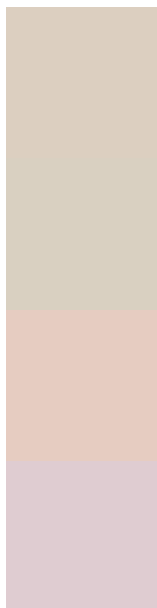
65.0071, 63.7535, 59.3315



Tritanopia

64.8826, 63.6736, 75.8884

Trichromacy



Original Color

61.3425, 63.6471, 58.9212

Protanomaly

60.7968, 63.7137, 59.5457

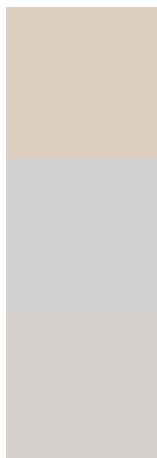
Deuteranomaly

63.8516, 63.8590, 59.4127

Tritanomaly

63.5329, 63.4772, 69.2254

Monochromacy



Original Color

61.3425, 63.6471, 58.9212

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7759, 63.5697, 65.5669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3425, 63.6471, 58.9212 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(220, 207, 192)` looks like.

```
.text, #text, p{  
    color:rgb(220, 207, 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(220, 207, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 207, 192) }
```

Border

The CSS property to change the border of an element to XYZ 61.3425, 63.6471, 58.9212 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(220, 207, 192) }
```


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

```
.border{ border-color:rgb(220, 207, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 207, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 207, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 207, 192); box-shadow:4px 4px 4px 4px rgb(220, 207, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3425, 63.6471, 58.9212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 207, 192) }
```

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

```
.background{ background-color: rgb(220,  
207, 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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