

Converting Colors

XYZ(64.7181, 67.6737, 61.0687)

Have a look what the booklet for
XYZ(64.7181, 67.6737, 61.0687)
contains.

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Color

**XYZ(64.6959, 67.5362,
61.2557)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D5C3
RGB	225, 213, 195
RGB Percent	88%, 84%, 76%
CMY	0.1176, 0.1647, 0.2353
CMYK	0.00, 0.05, 0.13, 0.12
HSL	36°, 33%, 82%
HSV	36°, 13%, 88%
XYZ	64.6959, 67.5362, 61.2557
YIQ	214.5360, 12.9300, -3.0540

Conversions

Conversions Part 2

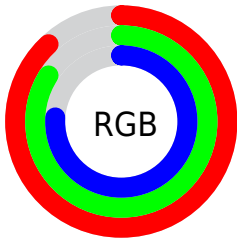
Format	Color
RYB	215, 225, 195
Decimal	14800323
CIELab	85.77, 1.15, 10.37
CIElCh	86, 10.431, 83.688
Yxy	67.5362, 0.3344, 0.3490
Android (android.graphics.Color)	4292990403 (0xFFE1D5C3)
YUV	214.5360, -9.6312, 9.1769
Hunter-Lab	82.1804, -3.2930, 13.3327

Details

The XYZ color **64.6959, 67.5362, 61.2557** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4088, 61.6627, 80.0583**, and the grayscale version is **64.3361, 67.6866, 73.7107**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **33.6121, 34.9229, 30.1685** is the 20% darker color. If you saturate the color by 10%, you get **60.1412, 62.1955, 48.1179**, and if you desaturate by 10%, it is **69.7632, 73.2873, 76.4572**.

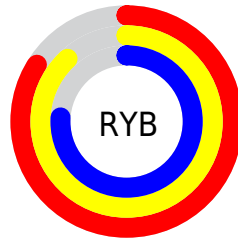
Distribution



Red (88%)

Green (84%)

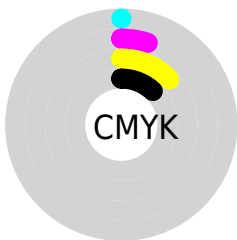
Blue (76%)



Red (84%)

Yellow (88%)

Blue (76%)

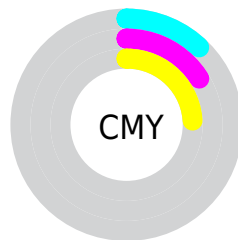


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6959, 67.5362, 61.2557 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 64.6959, 67.5362, 61.2557 by changing the saturation by 10% instead.

64.6959, 67.5362,
61.2557

64.6959, 67.5362,
61.2557

431.2609,
451.8510, 447.1434

47.4783, 49.5205,
43.9997

110.6807,
115.6884, 108.2102

33.6235, 35.0326,
30.3331

140.1786,
146.5937, 138.7458

22.7660, 23.6880,
19.8373

174.5007,
182.5643, 174.5449

14.5406, 15.1023,
12.0939

214.0123,
223.9846, 216.0262

8.5818, 8.8912,
6.6844

259.0787,
271.2391, 263.6082

4.5243, 4.6703,
3.1901

310.0654,

2.0028, 2.0551,

324.7120, 317.7093

1.1925

367.3377,
384.7879, 378.7482

■ 0.6356, 0.6392,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.6959, 67.5362,
61.2557

■ 64.6959, 67.5362,
61.2557

■ 60.1412, 62.1955,
48.1179

■ 69.7632, 73.2873,
76.4572

■ 56.0746, 57.2454,
36.9488

■ 75.3556, 79.4503,
93.8032

■ 52.4773, 52.6775,
27.6523

■ 80.2604, 85.5452,
106.8895

■ 49.3273, 48.4794,
20.1226

■ 82.9749, 90.9742,
107.7943

■ 46.6005, 44.6380,
14.2429

■ 84.8616, 94.7477,
108.4232

■ 44.2698, 41.1390,
9.8825

■ 42.3044, 37.9663,
6.8904

■ 40.6674, 35.1014,
5.0838

■ 39.7203, 33.3451,
4.3428

Harmonies

Analogous

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



66.9412, 67.5362, 63.4661



64.6959, 67.5362, 61.2557



62.3690, 67.5362, 62.1680

Triad

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



64.6959, 67.5362, 61.2557



60.0885, 67.5362, 78.9310



67.9521, 67.5362, 81.5781

Complementary

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



64.6959, 67.5362, 61.2557



58.4088, 61.6627, 80.0583

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.



66.0484, 67.5362, 86.2104



64.6959, 67.5362, 61.2557



61.5175, 67.5362, 84.6172

Square

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



64.6959, 67.5362, 61.2557



59.7465, 67.5362, 72.1030



63.6890, 67.5362, 87.3555



68.8509, 67.5362, 74.9867

Rectangle

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



64.6959, 67.5362, 61.2557



61.0799, 67.5362, 64.4542



63.6890, 67.5362, 87.3555



67.4063, 67.5362, 83.4320

Sweetspot

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



64.6977, 67.5392, 61.2571



92.1636, 96.7857, 100.0502



61.8297, 59.5437, 67.2666



19.6133, 20.5889, 21.0697



0.0000, 0.0000, 0.0000



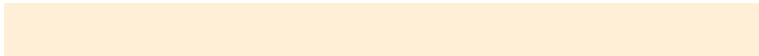
20.3446, 21.4041, 23.3091

Same Dimension

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



64.6977, 67.5392, 61.2571



84.1778, 87.6746, 76.2386



66.9004, 73.3208, 62.2570



14.3880, 15.0619, 14.4557



23.0057, 19.4493, 2.5416



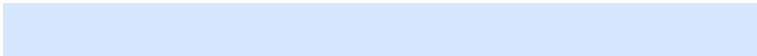
1.6815, 1.5219, 0.2051

Inverse Universe

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



58.4088, 61.6627, 80.0583



74.2800, 78.4263, 105.8306



56.3953, 56.4732, 79.1628



13.3996, 14.1383, 17.4104



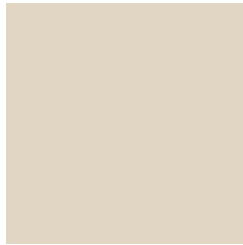
10.0439, 7.5573, 41.9777



0.7821, 0.6956, 2.9383

Previews

White Background



This preview shows how the XYZ color 64.6959, 67.5362, 61.2557 looks on a white background.

Color Contrast Check

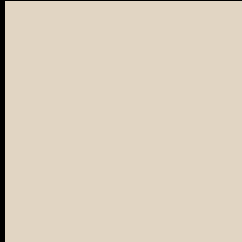
Large Text (above 18pt) WCAG AA × Fail

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 64.6959, 67.5362, 61.2557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

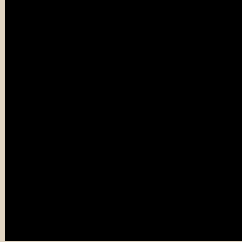
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

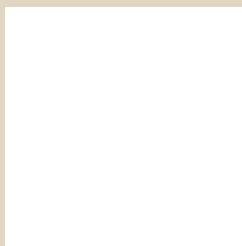
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6959, 67.5362, 61.2557

Background



This preview shows how black text looks on a background with the XYZ color 64.6959, 67.5362, 61.2557.



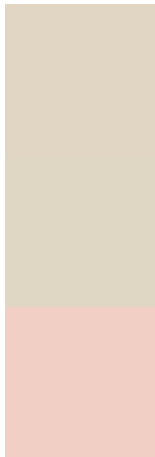
This preview shows how white text looks on a background with the XYZ color 64.6959, 67.5362,

61.2557.

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

64.6959, 67.5362, 61.2557

Protanopia

64.3283, 67.7212, 61.3108

Deuteranopia

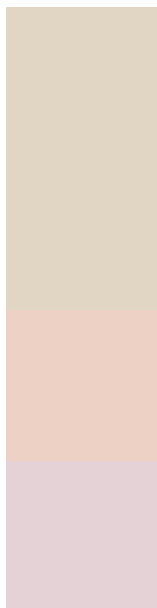
68.8946, 67.4884, 61.6200



Tritanopia

68.7042, 67.6952, 80.6795

Trichromacy



Original Color

64.6959, 67.5362, 61.2557

Protanomaly

64.6374, 67.8806, 61.3253

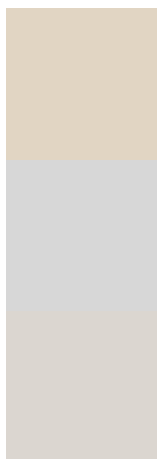
Deuteranomaly

67.3563, 67.4193, 61.6877

Tritanomaly

67.1791, 67.4422, 73.0953

Monochromacy



Original Color

64.6959, 67.5362, 61.2557

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.6452, 67.7073, 69.3362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6959, 67.5362, 61.2557 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(225, 213, 195) looks like.

```
.text, #text, p{  
    color:rgb(225, 213, 195)  
}
```

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(225, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 213, 195) }
```

Border

The CSS property to change the border of an element to XYZ 64.6959, 67.5362, 61.2557 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(225, 213, 195) }
```


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

```
.border{ border-color:rgb(225, 213, 195) }
```

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

Here you see how a box with a 4 pixel rgb(225, 213, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(225, 213,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6959, 67.5362, 61.2557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 213, 195) }
```

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

```
.background{ background-color: rgb(225,  
213, 195) }
```

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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