

Converting Colors

XYZ(64.5961, 67.7929, 64.3243)

Have a look what the booklet for
XYZ(64.5961, 67.7929, 64.3243)
contains.

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Color

**XYZ(64.5961, 67.7929,
64.3243)**

Conversions

Conversions Part 1

Format	Color
Hex	DED6C8
RGB	222, 214, 200
RGB Percent	87%, 84%, 78%
CMY	0.1294, 0.1608, 0.2157
CMYK	0.00, 0.04, 0.10, 0.13
HSL	38°, 25%, 83%
HSV	38°, 10%, 87%
XYZ	64.5961, 67.7929, 64.3243
YIQ	214.7960, 9.2620, -2.6580

Conversions

Conversions Part 2

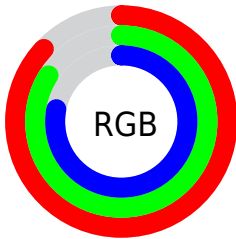
Format	Color
R_{YB}	213, 222, 200
Decimal	14603976
CIE Lab	85.90, 0.37, 7.88
CIE LCh	86, 7.886, 87.344
Yxy	67.7929, 0.3284, 0.3446
Android (android.graphics.Color)	4292794056 (0xFFDED6C8)
YUV	214.7960, -7.2944, 6.3179
Hunter-Lab	82.3364, -4.0487, 11.3160

Details

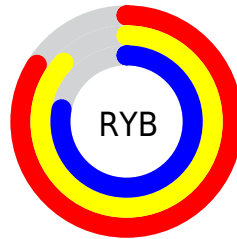
The XYZ color **64.5961, 67.7929, 64.3243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5599, 62.6638, 78.0641**, and the grayscale version is **64.4983, 67.8572, 73.8965**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5228, 35.0871, 32.1998** is the 20% darker color. If you saturate the color by 10%, you get **60.1966, 62.8485, 50.9733**, and if you desaturate by 10%, it is **69.4773, 73.0963, 79.6962**.

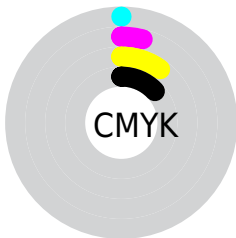
Distribution



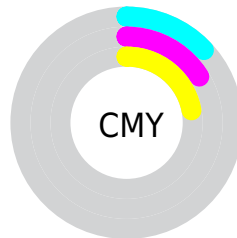
- Red (87%)
- Green (84%)
- Blue (78%)



- Red (84%)
- Yellow (87%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5961, 67.7929, 64.3243 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 64.5961, 67.7929, 64.3243 by changing the saturation by 10% instead.

■ 64.5961, 67.7929,
64.3243

■ 64.5961, 67.7929,
64.3243

430.9073,
452.7619, 458.5994

■ 47.3971, 49.7293,
46.4655

110.5379,
116.0558, 112.6818

■ 33.5590, 35.1983,
32.2620

140.0115,
147.0239, 144.0176

■ 22.7163, 23.8157,
21.2952

174.3073,
183.0623, 180.6829

■ 14.5037, 15.1970,
13.1466

213.7907,
224.5553, 223.0961

■ 8.5559, 8.9577,
7.3977

258.8270,
271.8874, 271.6758

■ 4.5074, 4.7136,
3.6298

309.7817,

■ 1.9930, 2.0802,

325.4429, 326.8405

1.4246

367.0200,
385.6063, 389.0089

■ 0.6300, 0.6535,
0.1608

■ 0.0000, 0.0000,
0.0000

■ 64.5961, 67.7929,
64.3243

■ 64.5961, 67.7929,
64.3243

■ 60.1966, 62.8485,
50.9733

■ 69.4773, 73.0963,
79.6962

■ 56.2556, 58.2448,
39.5532

■ 74.8511, 78.7587,
97.1650

■ 52.7562, 53.9748,
29.9736

■ 78.8104, 84.0215,
106.6718

■ 49.6779, 50.0281,
22.1351

■ 81.2152, 88.8311,
107.4734

■ 46.9989, 46.3933,
15.9291

■ 83.7266, 93.8540,
108.3105

■ 44.6944, 43.0581,
11.2343

■ 83.9345, 94.2697,
108.3798

■ 42.7368, 40.0088,
7.9125

■ 41.0934, 37.2295,
5.7996

■ 39.7081, 34.6952,
4.6098

Harmonies

Analogous

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



66.3261, 67.7929, 65.7586



64.5961, 67.7929, 64.3243



62.8540, 67.7929, 65.3330

Triad

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



64.5961, 67.7929, 64.3243



61.4011, 67.7929, 78.4754



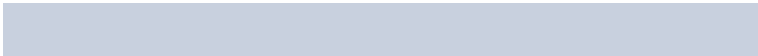
67.4016, 67.7929, 79.3094

Complementary

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



64.5961, 67.7929, 64.3243



59.5599, 62.6638, 78.0641

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.



66.0425, 67.7929, 83.0009



64.5961, 67.7929, 64.3243



62.5804, 67.7929, 82.5038

Square

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



64.5961, 67.7929, 64.3243



61.0299, 67.7929, 73.3552



64.2744, 67.7929, 84.1960



67.9647, 67.7929, 74.2766

Rectangle

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



64.5961, 67.7929, 64.3243



61.9162, 67.7929, 67.2825



64.2744, 67.7929, 84.1960



67.0214, 67.7929, 80.7571

Sweetspot

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



64.5980, 67.7959, 64.3258



92.9620, 97.7559, 102.2483



62.1727, 61.3964, 68.2922



19.7805, 20.7970, 21.5143



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.



64.5980, 67.7959, 64.3258



87.0631, 91.2920, 83.8382



65.7808, 71.4838, 64.9753



14.4310, 15.1480, 14.4700



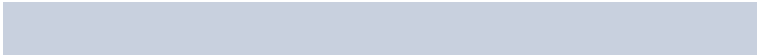
23.6877, 20.8133, 2.7689



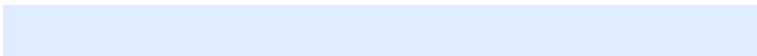
1.7261, 1.6111, 0.2200

Inverse Universe

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



59.5599, 62.6638, 78.0641



78.7724, 82.8468, 106.4470



58.4504, 59.2706, 77.4676



13.3578, 14.0548, 17.3965



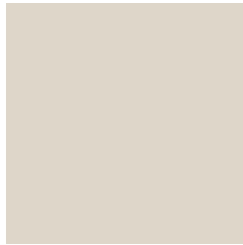
9.6619, 6.7934, 41.8504



0.7529, 0.6372, 2.9285

Previews

White Background



This preview shows how the XYZ color 64.5961, 67.7929, 64.3243 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 64.5961, 67.7929, 64.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

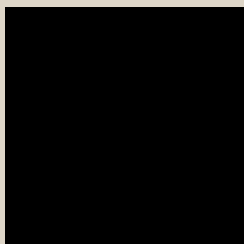
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

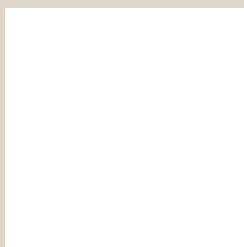
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5961, 67.7929, 64.3243

Background



This preview shows how black text looks on a background with the XYZ color 64.5961, 67.7929, 64.3243.

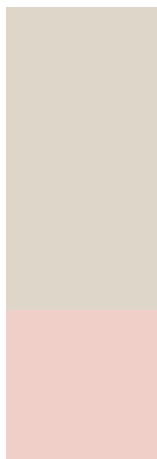


This preview shows how white text looks on a background with the XYZ color 64.5961, 67.7929,

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

64.5961, 67.7929, 64.3243

Protanopia

64.5961, 67.7929, 64.3243

Deuteranopia

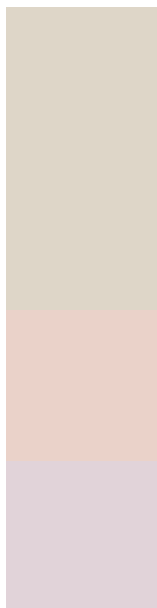
69.1311, 67.5435, 64.6519



Tritanopia

68.2758, 67.8080, 82.1628

Trichromacy



Original Color

64.5961, 67.7929, 64.3243

Protanomaly

64.5961, 67.7929, 64.3243

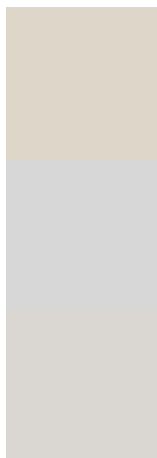
Deuteranomaly

67.5209, 67.8027, 64.7868

Tritanomaly

66.8700, 67.6058, 75.1704

Monochromacy



Original Color

64.5961, 67.7929, 64.3243

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.8467, 68.1594, 70.7111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5961, 67.7929, 64.3243 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(222, 214, 200)` looks like.

```
.text, #text, p{  
    color:rgb(222, 214, 200)  
}
```

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(222, 214, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 214, 200) }
```

Border

The CSS property to change the border of an element to XYZ 64.5961, 67.7929, 64.3243 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(222, 214, 200) }
```


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

```
.border{ border-color:rgb(222, 214, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 214, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 214, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 214, 200);  
box-shadow:4px 4px 4px 4px rgb(222, 214,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5961, 67.7929, 64.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 214, 200) }
```

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

```
.background{ background-color: rgb(222,  
214, 200) }
```

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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