

Converting Colors

XYZ(64.7468, 67.5109, 67.2583)

Have a look what the booklet for
XYZ(64.7468, 67.5109, 67.2583)
contains.

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Color

**XYZ(64.6325, 67.3684,
67.3545)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD5CD
RGB	221, 213, 205
RGB Percent	87%, 84%, 80%
CMY	0.1333, 0.1647, 0.1961
CMYK	0.00, 0.04, 0.07, 0.13
HSL	30°, 19%, 84%
HSV	30°, 7%, 87%
XYZ	64.6325, 67.3684, 67.3545
YIQ	214.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

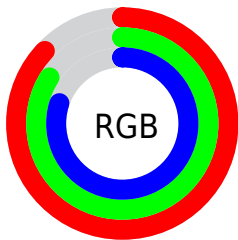
Format	Color
R_{YB}	221, 221, 205
Decimal	14538189
CIE _{Lab}	85.69, 1.37, 4.92
CIE _{LCh}	86, 5.102, 74.461
Yxy	67.3684, 0.3242, 0.3379
Android (android.graphics.Color)	4292728269 (0xFFDDD5CD)
YUV	214.4800, -4.6736, 5.7180
Hunter-Lab	82.0783, -3.0772, 8.8006

Details

The XYZ color **64.6325, 67.3684, 67.3545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0222, 65.7871, 77.8367**, and the grayscale version is **64.2686, 67.6155, 73.6333**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5387, 34.7951, 34.2266** is the 20% darker color. If you saturate the color by 10%, you get **59.4674, 61.0097, 53.3877**, and if you desaturate by 10%, it is **70.3674, 74.2622, 83.3719**.

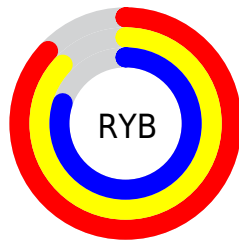
Distribution



Red (87%)

Green (84%)

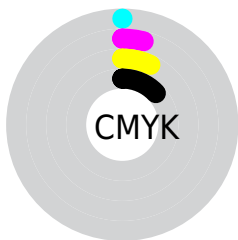
Blue (80%)



Red (87%)

Yellow (87%)

Blue (80%)

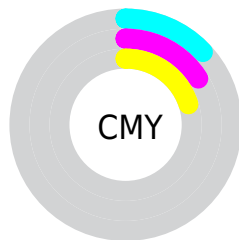


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6325, 67.3684, 67.3545 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 64.6325, 67.3684, 67.3545 by changing the saturation by 10% instead.

■ 64.6325, 67.3684,
67.3545

■ 64.6325, 67.3684,
67.3545

431.0363,
451.2550, 469.7414

■ 47.4267, 49.3841,
48.9094

110.5900,
115.4481, 117.0737

■ 33.5825, 34.9242,
34.1825

140.0724,
146.3123, 149.1848

■ 22.7344, 23.6045,
22.7553

174.3778,
182.2386, 186.6884

■ 14.5171, 15.0405,
14.2094

213.8715,
223.6113, 230.0029

■ 8.5653, 8.8478,
8.1260

258.9188,
270.8150, 279.5469

■ 4.5136, 4.6421,
4.0868

309.8852,

■ 1.9966, 2.0388,

324.2338, 335.7390

1.6731

367.1359,
384.2524, 398.9976

■ 0.6320, 0.6299,
0.3422

■ 0.0000, 0.0000,
0.0000

■ 64.6325, 67.3684,
67.3545

■ 64.6325, 67.3684,
67.3545

■ 59.4674, 61.0097,
53.3877

■ 70.3674, 74.2622,
83.3719

■ 54.8471, 55.1635,
41.3833

■ 76.6850, 81.6954,
101.5147

■ 50.7528, 49.8182,
31.2527

■ 80.8673, 88.5887,
107.4449

■ 47.1623, 44.9587,
22.8991

■ 83.6292, 94.1123,
108.3655

■ 44.0518, 40.5688,
16.2167

■ 41.3949, 36.6312,
11.0885

■ 39.1623, 33.1270,
7.3818

■ 37.3203, 30.0353,
4.9416

■ 35.8252, 27.3309,
3.5624

Harmonies

Analogous

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



65.6408, 67.3684, 68.9582



64.6325, 67.3684, 67.3545



63.4749, 67.3684, 67.3251

Triad

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



64.6325, 67.3684, 67.3545



61.8908, 67.3684, 74.9636



65.6106, 67.3684, 78.0187

Complementary

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



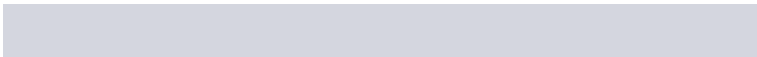
64.6325, 67.3684, 67.3545



62.0222, 65.7871, 77.8367

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.



64.5917, 67.3684, 79.7298



64.6325, 67.3684, 67.3545



62.4490, 67.3684, 77.9301

Square

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



64.6325, 67.3684, 67.3545



61.9015, 67.3684, 71.6506



63.4345, 67.3684, 79.6969



66.2101, 67.3684, 75.0816

Rectangle

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



64.6325, 67.3684, 67.3545



62.7747, 67.3684, 68.1986



63.4345, 67.3684, 79.6969



65.3052, 67.3684, 78.7603

Sweetspot

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



64.6344, 67.3713, 67.3560



93.4319, 98.0604, 104.3635



63.6613, 63.8399, 71.9187



20.0153, 21.0094, 22.3856



0.0000, 0.0000, 0.0000



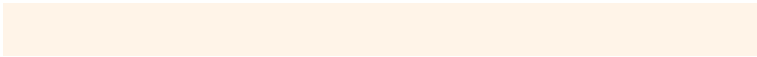
20.3446, 21.4041, 23.3091

Same Dimension

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



64.6344, 67.3713, 67.3560



88.0222, 91.5082, 89.4048



66.6956, 71.4937, 68.0430



13.5915, 14.1223, 13.7351



20.7095, 15.7046, 1.9398



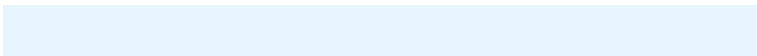
1.4278, 1.1898, 0.1544

Inverse Universe

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



62.0222, 65.7871, 77.8367



83.5512, 88.7967, 107.3436



60.0603, 61.8633, 77.1828



12.8736, 13.6870, 16.6155



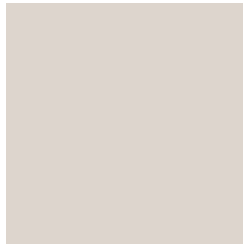
10.9622, 9.7938, 41.0510



0.7964, 0.8068, 2.6882

Previews

White Background



This preview shows how the XYZ color 64.6325, 67.3684, 67.3545 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 64.6325, 67.3684, 67.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

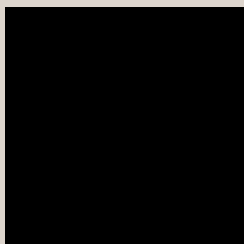
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

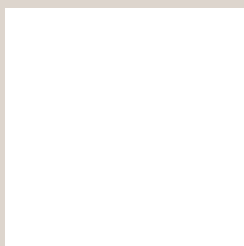
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6325, 67.3684, 67.3545

Background



This preview shows how black text looks on a background with the XYZ color 64.6325, 67.3684, 67.3545.

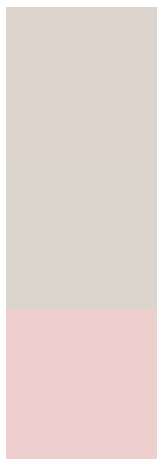


This preview shows how white text looks on a background with the XYZ color 64.6325, 67.3684,

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

64.6325, 67.3684, 67.3545

Protanopia

64.3289, 67.2119, 67.3403

Deuteranopia

68.7133, 67.2590, 67.7532



Tritanopia

67.5145, 67.4315, 81.4087

Trichromacy



Original Color

64.6325, 67.3684, 67.3545

Protanomaly

64.3289, 67.2119, 67.3403

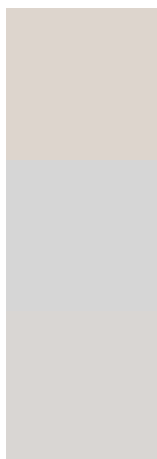
Deuteranomaly

67.2198, 67.2130, 67.8231

Tritanomaly

66.3806, 67.3385, 75.8287

Monochromacy



Original Color

64.6325, 67.3684, 67.3545

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.4197, 67.5480, 71.2708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6325, 67.3684, 67.3545 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(221, 213, 205) looks like.

```
.text, #text, p{  
    color:rgb(221, 213, 205)  
}
```

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(221, 213, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 213, 205) }
```

Border

The CSS property to change the border of an element to XYZ 64.6325, 67.3684, 67.3545 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(221, 213, 205) }
```


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

```
.border{ border-color:rgb(221, 213, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 213, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 213, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 213, 205);  
box-shadow:4px 4px 4px 4px rgb(221, 213,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6325, 67.3684, 67.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 213, 205) }
```

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

```
.background{ background-color: rgb(221,  
213, 205) }
```

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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