

Converting Colors

XYZ(66.4282, 69.0805, 69.0144)

Have a look what the booklet for
XYZ(66.4282, 69.0805, 69.0144)
contains.

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Color

**XYZ(66.3034, 68.9532,
68.8462)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D7CF
RGB	224, 215, 207
RGB Percent	88%, 84%, 81%
CMY	0.1216, 0.1568, 0.1882
CMYK	0.00, 0.04, 0.08, 0.12
HSL	28°, 22%, 85%
HSV	28°, 8%, 88%
XYZ	66.3034, 68.9532, 68.8462
YIQ	216.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

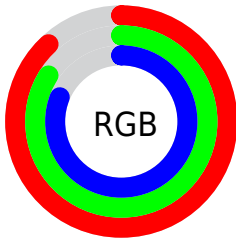
Format	Color
R_{YB}	224, 222, 207
Decimal	14735311
CIE Lab	86.48, 1.71, 5.03
CIE LCh	86, 5.314, 71.195
Yxy	68.9532, 0.3249, 0.3378
Android (android.graphics.Color)	4292925391 (0xFFE0D7CF)
YUV	216.7790, -4.8210, 6.3328
Hunter-Lab	83.0381, -2.7897, 8.9698

Details

The XYZ color **66.3034, 68.9532, 68.8462** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7424, 67.7577, 80.2407**, and the grayscale version is **65.8318, 69.2602, 75.4243**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6828, 35.8765, 35.2339** is the 20% darker color. If you saturate the color by 10%, you get **60.8476, 62.1172, 54.4615**, and if you desaturate by 10%, it is **72.3703, 76.3881, 85.3532**.

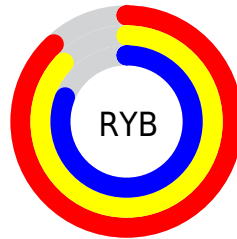
Distribution



Red (88%)

Green (84%)

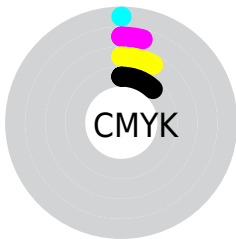
Blue (81%)



Red (88%)

Yellow (87%)

Blue (81%)

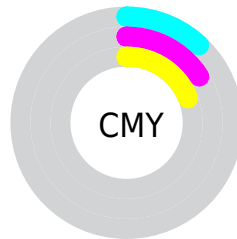


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3034, 68.9532, 68.8462 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 66.3034, 68.9532, 68.8462 by changing the saturation by 10% instead.

■ 66.3034, 68.9532,
68.8462

■ 66.3034, 68.9532,
68.8462

436.9327,
456.8659, 475.1676

■ 48.7874, 50.6736,
50.1155

112.9770,
117.7147, 119.2275

■ 34.6647, 35.9489,
35.1333

142.8653,
148.9654, 151.7152

■ 23.5700, 24.3947,
23.4812

177.6083,
185.3087, 189.6256

■ 15.1379, 15.6267,
14.7406

217.5715,
227.1287, 233.3773

■ 9.0032, 9.2604,
8.4930

263.1202,
274.8101, 283.3888

■ 4.8004, 4.9114,
4.3197

314.6197,

■ 2.1642, 2.1954,

328.7372, 340.0786

1.8023

372.4354,
389.2943, 403.8654

■ 0.7238, 0.7175,
0.4295

■ 0.0000, 0.0000,
0.0000

■ 66.3034, 68.9532,
68.8462

■ 66.3034, 68.9532,
68.8462

■ 60.8476, 62.1172,
54.4615

■ 72.3703, 76.3881,
85.3532

■ 55.9763, 55.8553,
42.1072

■ 79.0624, 84.4278,
104.0600

■ 51.6693, 50.1541,
31.6916

■ 83.1524, 91.7907,
107.9425

■ 47.9028, 44.9961,
23.1139

■ 84.5508, 94.5875,
108.4086

■ 44.6511, 40.3630,
16.2642

■ 41.8861, 36.2350,
11.0206

■ 39.5765, 32.5907,
7.2451

■ 37.6860, 29.4063,
4.7759

■ 36.1673, 26.6532,
3.3934

Harmonies

Analogous

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



67.3341, 68.9532, 70.7042



66.3034, 68.9532, 68.8462



65.0797, 68.9532, 68.6268

Triad

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



66.3034, 68.9532, 68.8462



63.2448, 68.9532, 76.4013



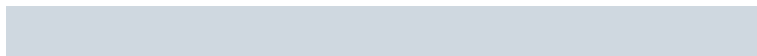
67.1083, 68.9532, 80.2922

Complementary

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



66.3034, 68.9532, 68.8462



63.7424, 67.7577, 80.2407

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.



65.9983, 68.9532, 81.9220



66.3034, 68.9532, 68.8462



63.7741, 68.9532, 79.6292

Square

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



66.3034, 68.9532, 68.8462



63.3241, 68.9532, 72.9157



64.7784, 68.9532, 81.6756



67.8028, 68.9532, 77.2833

Rectangle

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



66.3034, 68.9532, 68.8462



64.3203, 68.9532, 69.4311



64.7784, 68.9532, 81.6756



66.7708, 68.9532, 81.0237

Sweetspot

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



66.3053, 68.9562, 68.8477



93.3847, 97.9660, 104.3477



65.4575, 65.4352, 74.1921



20.0057, 20.9902, 22.3824



0.0000, 0.0000, 0.0000



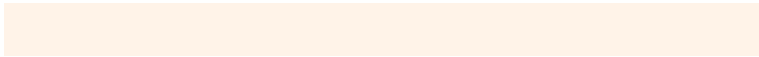
20.3446, 21.4041, 23.3091

Same Dimension

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



66.3053, 68.9562, 68.8477



87.8200, 91.1039, 89.3374



68.5074, 73.3603, 69.5817



14.2367, 14.7594, 14.4053



20.9745, 15.3868, 1.8645



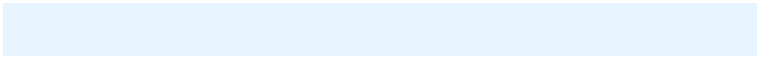
1.5429, 1.2447, 0.1589

Inverse Universe

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



63.7424, 67.7577, 80.2407



83.7541, 89.2026, 107.4112



61.6380, 63.5490, 79.5393



13.5494, 14.4380, 17.4604



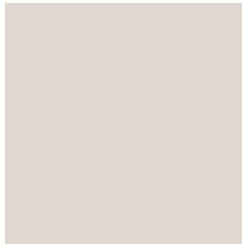
11.7552, 10.9801, 42.5482



0.9043, 0.9400, 2.9790

Previews

White Background



This preview shows how the XYZ color 66.3034, 68.9532, 68.8462 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 66.3034, 68.9532, 68.8462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

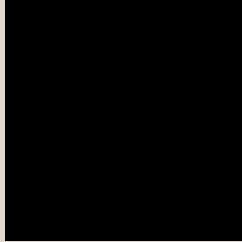
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

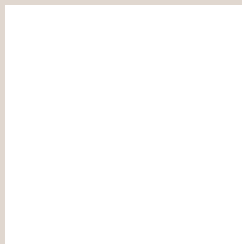
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3034, 68.9532, 68.8462

Background



This preview shows how black text looks on a background with the XYZ color 66.3034, 68.9532, 68.8462.

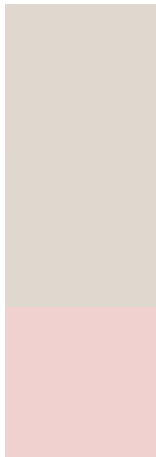


This preview shows how white text looks on a background with the XYZ color 66.3034, 68.9532,

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

66.3034, 68.9532, 68.8462

Protanopia

65.9426, 69.1463, 68.9025

Deuteranopia

70.1208, 68.6803, 69.2354



Tritanopia

69.2256, 69.0193, 83.0723

Trichromacy



Original Color

66.3034, 68.9532, 68.8462

Protanomaly

66.2498, 69.3047, 68.9169

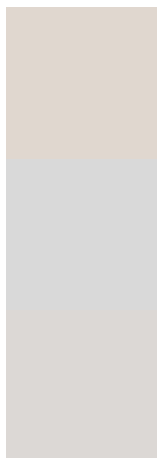
Deuteranomaly

68.6111, 68.6350, 69.3062

Tritanomaly

68.0765, 68.9246, 77.4259

Monochromacy



Original Color

66.3034, 68.9532, 68.8462

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.0813, 69.1315, 72.8116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3034, 68.9532, 68.8462 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(224, 215, 207)` looks like.

```
.text, #text, p{  
    color:rgb(224, 215, 207)  
}
```

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(224, 215, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 215, 207) }
```

Border

The CSS property to change the border of an element to XYZ 66.3034, 68.9532, 68.8462 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(224, 215, 207) }
```


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

```
.border{ border-color:rgb(224, 215, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 215, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 215, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 215, 207);  
box-shadow:4px 4px 4px 4px rgb(224, 215,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3034, 68.9532, 68.8462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 215, 207) }
```

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

```
.background{ background-color: rgb(224,  
215, 207) }
```

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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