

Converting Colors

XYZ(65.2124, 68.1106, 64.3532)

Have a look what the booklet for
XYZ(65.2124, 68.1106, 64.3532)
contains.

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Color

**XYZ(65.2124, 68.1106,
64.3532)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D6C8
RGB	224, 214, 200
RGB Percent	88%, 84%, 78%
CMY	0.1216, 0.1608, 0.2157
CMYK	0.00, 0.04, 0.11, 0.12
HSL	35°, 28%, 83%
HSV	35°, 11%, 88%
XYZ	65.2124, 68.1106, 64.3532
YIQ	215.3940, 10.4540, -2.2340

Conversions

Conversions Part 2

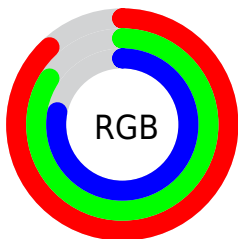
Format	Color
RYB	217, 224, 200
Decimal	14735048
CIELab	86.06, 1.07, 8.13
CIELCh	86, 8.197, 82.471
Yxy	68.1106, 0.3299, 0.3446
Android (android.graphics.Color)	4292925128 (0xFFE0D6C8)
YUV	215.3940, -7.5892, 7.5475
Hunter-Lab	82.5291, -3.3799, 11.5382

Details

The XYZ color **65.2124, 68.1106, 64.3532** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3204, 63.7532, 79.6481**, and the grayscale version is **64.9048, 68.2850, 74.3623**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9486, 35.3066, 32.2197** is the 20% darker color. If you saturate the color by 10%, you get **60.4906, 62.5537, 50.7959**, and if you desaturate by 10%, it is **70.4568, 74.0975, 79.9786**.

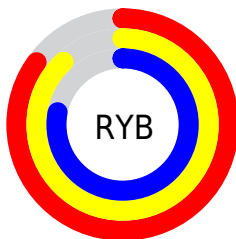
Distribution



Red (88%)

Green (84%)

Blue (78%)



Red (85%)

Yellow (88%)

Blue (78%)

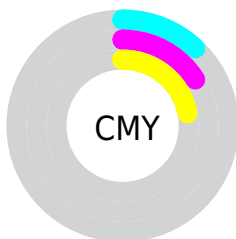


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2124, 68.1106, 64.3532 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 65.2124, 68.1106, 64.3532 by changing the saturation by 10% instead.

65.2124, 68.1106,
64.3532

65.2124, 68.1106,
64.3532

433.0880,
453.8878, 458.7064

47.8987, 49.9877,
46.4888

111.4192,
116.5104, 112.7238

33.9576, 35.4036,
32.2803

141.0429,
147.5560, 144.0671

23.0237, 23.9740,
21.3091

175.5007,
183.6780, 180.7404

14.7318, 15.3143,
13.1567

215.1580,
225.2609, 223.1623

8.7165, 9.0403,
7.4045

260.3799,
272.6888, 271.7513

4.6123, 4.7675,
3.6341

311.5320,

2.0541, 2.1115,

326.3464, 326.9260

1.4268

368.9796,
386.6179, 389.1048

■ 0.6641, 0.6711,
0.1625

■ 0.0000, 0.0000,
0.0000

■ 65.2124, 68.1106,
64.3532

■ 65.2124, 68.1106,
64.3532

■ 60.4906, 62.5537,
50.7959

■ 70.4568, 74.0975,
79.9786

■ 56.2670, 57.4066,
39.2141

■ 76.2359, 80.5159,
97.7507

■ 52.5233, 52.6605,
29.5146

■ 80.5411, 86.5680,
107.0721

■ 49.2377, 48.3031,
21.5950

■ 83.3890, 92.2639,
108.0214

■ 46.3868, 44.3210,
15.3427

■ 84.5508, 94.5875,
108.4086

■ 43.9443, 40.6998,
10.6325

■ 41.8805, 37.4233,
7.3210

■ 40.1606, 34.4735,
5.2372

■ 38.8178, 32.0014,
4.1310

Harmonies

Analogous

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



66.9667, 68.1106, 66.2414



65.2124, 68.1106, 64.3532



63.3637, 68.1106, 64.9899

Triad

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



65.2124, 68.1106, 64.3532



61.4502, 68.1106, 78.1932



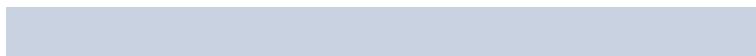
67.6497, 68.1106, 80.6552

Complementary

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



65.2124, 68.1106, 64.3532



60.3204, 63.7532, 79.6481

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.



66.1302, 68.1106, 84.1563



65.2124, 68.1106, 64.3532



62.5575, 68.1106, 82.6876

Square

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



65.2124, 68.1106, 64.3532



61.2153, 68.1106, 72.8112



64.2641, 68.1106, 84.9176



68.3915, 68.1106, 75.5271

Rectangle

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



65.2124, 68.1106, 64.3532



62.3241, 68.1106, 66.7757



64.2641, 68.1106, 84.9176



67.2115, 68.1106, 82.0714

Sweetspot

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



65.2143, 68.1136, 64.3547



92.8346, 97.5010, 102.2058



63.0285, 61.8100, 69.5822



19.7460, 20.7282, 21.5028



0.0000, 0.0000, 0.0000



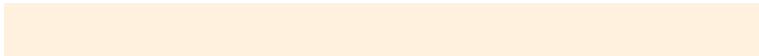
20.3446, 21.4041, 23.3091

Same Dimension

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



65.2143, 68.1136, 64.3547



85.9173, 89.5510, 81.7586



67.2060, 73.0118, 65.1951



14.3684, 15.0227, 14.4492



22.7105, 18.8590, 2.4432



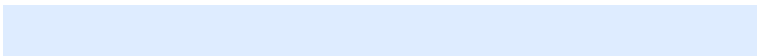
1.6620, 1.4828, 0.1986

Inverse Universe

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



60.3204, 63.7532, 79.6481



78.0250, 82.5193, 106.4232



58.4669, 59.2480, 78.8762



13.4187, 14.1766, 17.4168



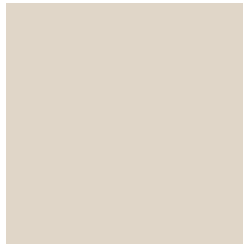
10.2326, 7.9347, 42.0406



0.7962, 0.7238, 2.9430

Previews

White Background



This preview shows how the XYZ color 65.2124, 68.1106, 64.3532 looks on a white background.

Color Contrast Check

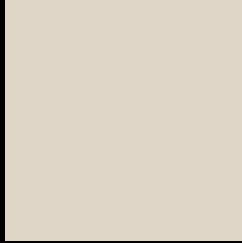
Large Text (above 18pt) WCAG AA × Fail

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 65.2124, 68.1106, 64.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

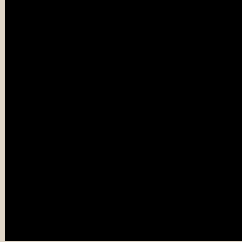
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

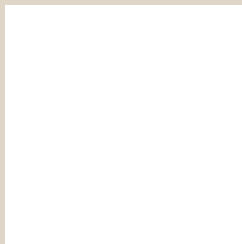
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.2124, 68.1106, 64.3532

Background



This preview shows how black text looks on a background with the XYZ color 65.2124, 68.1106, 64.3532.

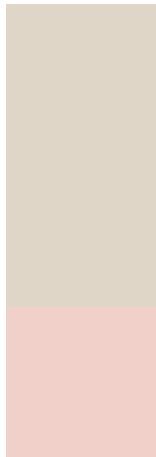


This preview shows how white text looks on a background with the XYZ color 65.2124, 68.1106,

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

65.2124, 68.1106, 64.3532

Protanopia

64.9033, 67.9512, 64.3387

Deuteranopia

69.3741, 68.0296, 64.7329



Tritanopia

68.9066, 68.1332, 82.1923

Trichromacy



Original Color

65.2124, 68.1106, 64.3532

Protanomaly

64.9033, 67.9512, 64.3387

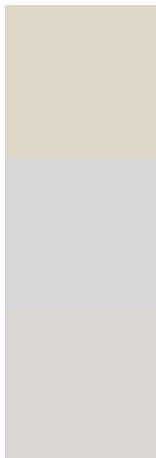
Deuteranomaly

67.8502, 67.9724, 64.8022

Tritanomaly

67.4972, 67.9292, 75.1998

Monochromacy



Original Color

65.2124, 68.1106, 64.3532

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 65.2124, 68.1106, 64.3532 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, 214, 200)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 214, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 214, 200) }
```

Border

The CSS property to change the border of an element to XYZ 65.2124, 68.1106, 64.3532 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, 214, 200) }
```


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

```
.border{ border-color:rgb(224, 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(224, 214, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 214, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 214, 200);  
box-shadow:4px 4px 4px 4px rgb(224, 214,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2124, 68.1106, 64.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 214, 200) }
```

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

```
.background{ background-color: rgb(224,  
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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