

Converting Colors

XYZ(64.3120, 66.1046, 64.9013)

Have a look what the booklet for
XYZ(64.3120, 66.1046, 64.9013)
contains.

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Color

**XYZ(64.3297, 66.1575,
64.6375)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D2C9
RGB	224, 210, 201
RGB Percent	88%, 82%, 79%
CMY	0.1216, 0.1764, 0.2118
CMYK	0.00, 0.06, 0.10, 0.12
HSL	23°, 27%, 83%
HSV	23°, 10%, 88%
XYZ	64.3297, 66.1575, 64.6375
YIQ	213.1600, 11.2330, 0.1690

Conversions

Conversions Part 2

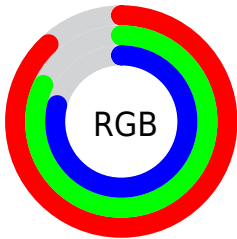
Format	Color
R_{YB}	224, 216, 201
Decimal	14734025
CIE _{Lab}	85.08, 3.32, 6.18
CIE _{LCh}	85, 7.017, 61.753
Yxy	66.1575, 0.3297, 0.3391
Android (android.graphics.Color)	4292924105 (0xFFE0D2C9)
YUV	213.1600, -5.9949, 9.5067
Hunter-Lab	81.3373, -1.1644, 9.8192

Details

The XYZ color **64.3297, 66.1575, 64.6375** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8423, 66.3991, 80.0787**, and the grayscale version is **63.3880, 66.6891, 72.6244**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5171, 34.3185, 32.4614** is the 20% darker color. If you saturate the color by 10%, you get **58.6617, 58.7350, 50.6820**, and if you desaturate by 10%, it is **70.6724, 74.3129, 80.7153**.

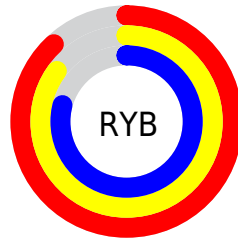
Distribution



Red (88%)

Green (82%)

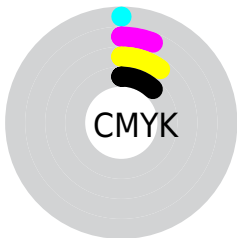
Blue (79%)



Red (88%)

Yellow (85%)

Blue (79%)

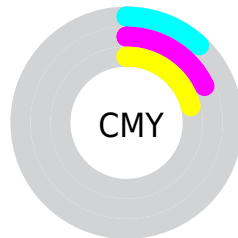


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3297, 66.1575, 64.6375 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 64.3297, 66.1575, 64.6375 by changing the saturation by 10% instead.

■ 64.3297, 66.1575,
64.6375

■ 64.3297, 66.1575,
64.6375

429.9627,
446.9399, 459.7587

■ 47.1804, 48.4003,
46.7177

110.1567,
113.7124, 113.1368

■ 33.3869, 34.1440,
32.4598

139.5652,
144.2788, 144.5534

■ 22.5836, 23.0042,
21.4452

173.7907,
179.8837, 181.3061

■ 14.4054, 14.5966,
13.2554

213.1988,
220.9116, 223.8133

■ 8.4867, 8.5368,
7.4719

258.1546,
267.7467, 272.4936

■ 4.4623, 4.4403,
3.6760

309.0236,

■ 1.9669, 1.9228,

320.7736, 327.7656

1.4494

366.1712,
380.3765, 390.0478

■ 0.6153, 0.5620,
0.1798

■ 0.0000, 0.0000,
0.0000

■ 64.3297, 66.1575,
64.6375

■ 64.3297, 66.1575,
64.6375

■ 58.6617, 58.7350,
50.6820

■ 70.6724, 74.3129,
80.7153

■ 53.6392, 52.0158,
38.7549

■ 77.7066, 83.2124,
98.9954

■ 49.2389, 45.9809,
28.7617

■ 83.2563, 91.9984,
107.9771

■ 45.4338, 40.6072,
20.5983

■ 84.5508, 94.5875,
108.4086

■ 42.1948, 35.8702,
14.1512

■ 39.4898, 31.7435,
9.2934

■ 37.2831, 28.1986,
5.8805

■ 35.5332, 25.2037,
3.7410

■ 34.2052, 22.7763,
2.5934

Harmonies

Analogous

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



65.4999, 66.1575, 67.5513



64.3297, 66.1575, 64.6375



62.7878, 66.1575, 63.6820

Triad

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



64.3297, 66.1575, 64.6375



59.8924, 66.1575, 72.3008



64.4933, 66.1575, 79.6898

Complementary

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



64.3297, 66.1575, 64.6375



61.8423, 66.3991, 80.0787

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.



62.9737, 66.1575, 81.0867



64.3297, 66.1575, 64.6375



60.3323, 66.1575, 76.7113

Square

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



64.3297, 66.1575, 64.6375



60.2420, 66.1575, 67.9940



61.4537, 66.1575, 79.9748



65.5954, 66.1575, 76.2316

Rectangle

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



64.3297, 66.1575, 64.6375



61.7614, 66.1575, 64.2507



61.4537, 66.1575, 79.9748



64.0135, 66.1575, 80.4224

Sweetspot

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



64.3315, 66.1604, 64.6389



92.3754, 96.5827, 102.0528



63.9173, 62.5373, 73.1165



19.6222, 20.4805, 21.4615



0.0000, 0.0000, 0.0000



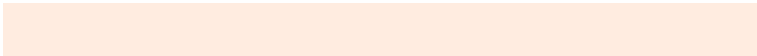
20.3446, 21.4041, 23.3091

Same Dimension

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



64.3315, 66.1604, 64.6389



84.8536, 86.8730, 83.1017



67.2241, 71.9455, 65.6031



14.1451, 14.5762, 14.3747



20.0139, 13.4658, 1.5443



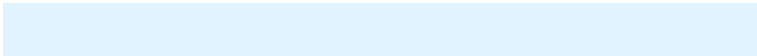
1.4726, 1.1040, 0.1355

Inverse Universe

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



61.8423, 66.3991, 80.0787



80.9714, 87.2450, 107.1801



59.0606, 60.8357, 79.1514



13.6427, 14.6245, 17.4914



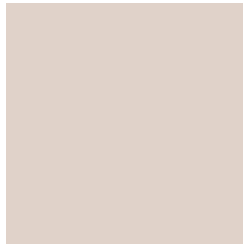
13.0965, 13.6626, 42.9952



0.9941, 1.1197, 3.0090

Previews

White Background



This preview shows how the XYZ color 64.3297, 66.1575, 64.6375 looks on a white background.

Color Contrast Check

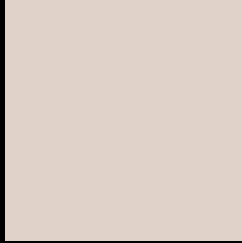
Large Text (above 18pt) WCAG AA × Fail

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 64.3297, 66.1575, 64.6375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

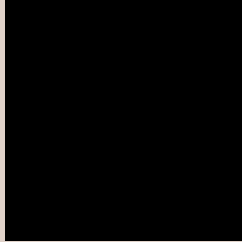
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3297, 66.1575, 64.6375

Background



This preview shows how black text looks on a background with the XYZ color 64.3297, 66.1575, 64.6375.

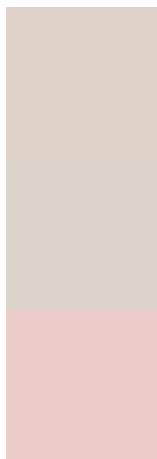


This preview shows how white text looks on a background with the XYZ color 64.3297, 66.1575,

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

64.3297, 66.1575, 64.6375

Protanopia

63.4176, 66.4113, 65.3533

Deuteranopia

67.4170, 65.9314, 65.0499



Tritanopia

67.3107, 66.2843, 79.0585

Trichromacy



Original Color

64.3297, 66.1575, 64.6375

Protanomaly

63.7737, 66.2250, 65.2986

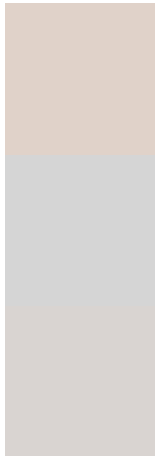
Deuteranomaly

66.2522, 66.0457, 65.1333

Tritanomaly

66.1856, 66.1868, 73.5769

Monochromacy



Original Color

64.3297, 66.1575, 64.6375

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.6674, 66.4421, 69.7906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3297, 66.1575, 64.6375 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, 210, 201) looks like.

```
.text, #text, p{  
    color:rgb(224, 210, 201)  
}
```

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, 210, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 210, 201) }
```

Border

The CSS property to change the border of an element to XYZ 64.3297, 66.1575, 64.6375 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, 210, 201) }
```


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

```
.border{ border-color:rgb(224, 210, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 210, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 210, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 210, 201);  
box-shadow:4px 4px 4px 4px rgb(224, 210,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3297, 66.1575, 64.6375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 210, 201) }
```

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

```
.background{ background-color: rgb(224,  
210, 201) }
```

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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