

Converting Colors

XYZ(66.4335, 68.0101, 64.5825)

Have a look what the booklet for
XYZ(66.4335, 68.0101, 64.5825)
contains.

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Color

**XYZ(66.3992, 67.9620,
64.8767)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D4C9
RGB	229, 212, 201
RGB Percent	90%, 83%, 79%
CMY	0.1020, 0.1686, 0.2118
CMYK	0.00, 0.07, 0.12, 0.10
HSL	24°, 35%, 84%
HSV	24°, 12%, 90%
XYZ	66.3992, 67.9620, 64.8767
YIQ	215.8290, 13.6630, 0.1830

Conversions

Conversions Part 2

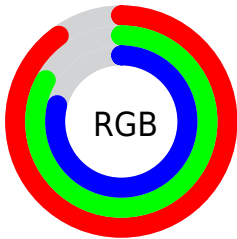
Format	Color
R_{YB}	229, 219, 201
Decimal	15062217
CIE _{Lab}	85.99, 4.05, 7.54
CIE _{LCh}	86, 8.565, 61.753
Yxy	67.9620, 0.3333, 0.3411
Android (android.graphics.Color)	4293252297 (0xFFE5D4C9)
YUV	215.8290, -7.3107, 11.5510
Hunter-Lab	82.4391, -0.4985, 11.0482

Details

The XYZ color **66.3992, 67.9620, 64.8767** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3014, 68.2162, 83.9602**, and the grayscale version is **65.1971, 68.5924, 74.6971**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5570, 35.1048, 32.5583** is the 20% darker color. If you saturate the color by 10%, you get **60.5776, 60.3129, 50.6217**, and if you desaturate by 10%, it is **72.9253, 76.3761, 81.3496**.

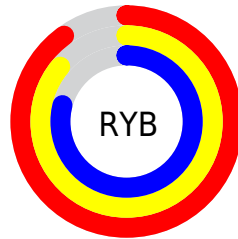
Distribution



Red (90%)

Green (83%)

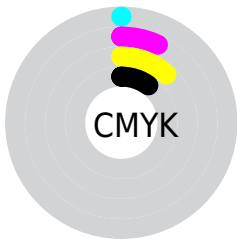
Blue (79%)



Red (90%)

Yellow (86%)

Blue (79%)

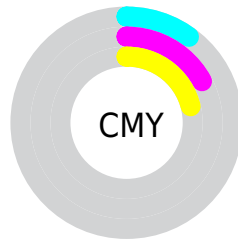


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (10%)



Cyan (10%)

Magenta (17%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3992, 67.9620, 64.8767 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 66.3992, 67.9620, 64.8767 by changing the saturation by 10% instead.

66.3992, 67.9620,
64.8767

66.3992, 67.9620,
64.8767

437.2694,
453.3614, 460.6428

48.8654, 49.8668,
46.9104

113.1137,
116.2978, 113.4842

34.7268, 35.3076,
32.6110

143.0251,
147.3072, 144.9624

23.6181, 23.8999,
21.5599

177.7931,
183.3901, 181.7817

15.1737, 15.2594,
13.3387

217.7830,
224.9309, 224.3605

9.0285, 9.0016,
7.5287

263.3603,
272.3141, 273.1176

4.8170, 4.7422,
3.7115

314.8902,

2.1740, 2.0968,

325.9239, 328.4712

1.4684

372.7381,
386.1449, 390.8402

■ 0.7290, 0.6628,
0.1942

■ 0.0000, 0.0000,
0.0000

■ 66.3992, 67.9620,
64.8767

■ 66.3992, 67.9620,
64.8767

■ 60.5776, 60.3129,
50.6217

■ 72.9253, 76.3761,
81.3496

■ 55.4298, 53.3977,
38.4844

■ 80.1743, 85.5673,
100.1259

■ 50.9309, 47.1962,
28.3635

■ 85.7121, 94.5755,
108.3451

■ 47.0518, 41.6839,
20.1474

■ 86.1234, 95.3982,
108.4822

■ 43.7616, 36.8346,
13.7136

■ 41.0257, 32.6202,
8.9252

■ 38.8055, 29.0102,
5.6248

■ 37.0556, 25.9705,
3.6235

■ 35.9695, 23.9703,
2.7309

Harmonies

Analogous

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



67.8597, 67.9620, 68.4533



66.3992, 67.9620, 64.8767



64.4804, 67.9620, 63.7089

Triad

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



66.3992, 67.9620, 64.8767



60.8951, 67.9620, 74.3304



66.6032, 67.9620, 83.5795

Complementary

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



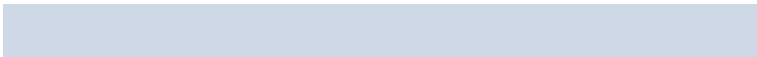
66.3992, 67.9620, 64.8767



63.3014, 68.2162, 83.9602

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.



64.7114, 67.9620, 85.3415



66.3992, 67.9620, 64.8767



61.4383, 67.9620, 79.8366

Square

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



66.3992, 67.9620, 64.8767



61.3267, 67.9620, 68.9988



62.8254, 67.9620, 83.9388



67.9792, 67.9620, 79.2353

Rectangle

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



66.3992, 67.9620, 64.8767



63.2067, 67.9620, 64.4037



62.8254, 67.9620, 83.9388



66.0052, 67.9620, 84.5030

Sweetspot

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



66.4011, 67.9650, 64.8781



91.5075, 95.4735, 99.8315



65.8904, 63.5082, 75.2991



19.4473, 20.2569, 21.0144



0.0000, 0.0000, 0.0000



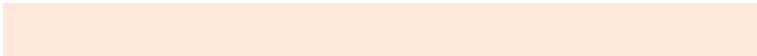
20.3446, 21.4041, 23.3091

Same Dimension

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



66.4011, 67.9650, 64.8781



82.5273, 83.8476, 77.3098



69.9804, 75.1237, 66.0713



14.8393, 15.2925, 15.0741



20.6747, 13.9235, 1.5978



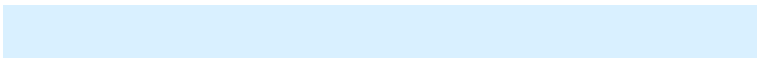
1.6162, 1.2056, 0.1475

Inverse Universe

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



63.3014, 68.2162, 83.9602



77.7415, 84.2345, 106.7692



59.8875, 61.3882, 82.8222



14.3071, 15.3357, 18.3503



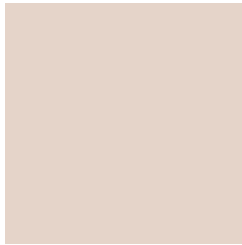
13.4856, 14.0333, 44.3811



1.0864, 1.2167, 3.3096

Previews

White Background



This preview shows how the XYZ color 66.3992, 67.9620, 64.8767 looks on a white background.

Color Contrast Check

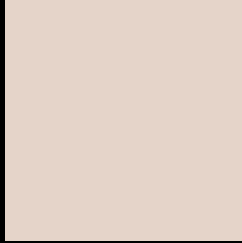
Large Text (above 18pt) WCAG AA × Fail

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 66.3992, 67.9620, 64.8767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

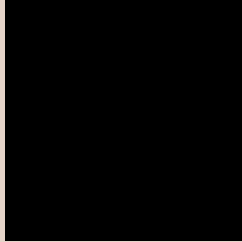
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3992, 67.9620, 64.8767

Background



This preview shows how black text looks on a background with the XYZ color 66.3992, 67.9620, 64.8767.



This preview shows how white text looks on a background with the XYZ color 66.3992, 67.9620,

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

66.3992, 67.9620, 64.8767

Protanopia

64.8314, 67.8870, 65.5636

Deuteranopia

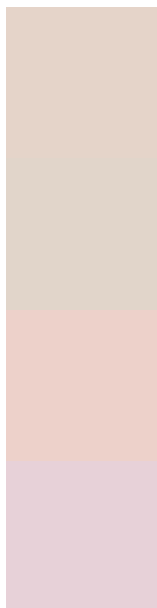
69.4922, 68.0768, 65.3546



Tritanopia

69.4252, 67.7038, 80.6432

Trichromacy



Original Color

66.3992, 67.9620, 64.8767

Protanomaly

65.5063, 67.8603, 65.5229

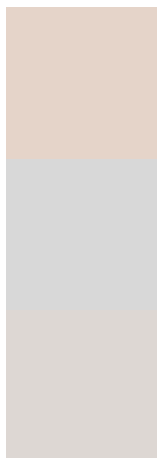
Deuteranomaly

68.3862, 67.8697, 65.3729

Tritanomaly

68.1501, 67.5477, 74.4119

Monochromacy



Original Color

66.3992, 67.9620, 64.8767

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.8771, 68.6762, 71.4117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3992, 67.9620, 64.8767 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(229, 212, 201)` looks like.

```
.text, #text, p{  
    color:rgb(229, 212, 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(229, 212, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 212, 201) }
```

Border

The CSS property to change the border of an element to XYZ 66.3992, 67.9620, 64.8767 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(229, 212, 201) }
```


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

```
.border{ border-color:rgb(229, 212, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 212, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 212, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 212, 201);  
box-shadow:4px 4px 4px 4px rgb(229, 212,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3992, 67.9620, 64.8767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 212, 201) }
```

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

```
.background{ background-color: rgb(229,  
212, 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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