

Converting Colors

XYZ(65.1804, 67.0770, 66.6404)

Have a look what the booklet for
XYZ(65.1804, 67.0770, 66.6404)
contains.

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Color

**XYZ(64.9338, 66.7955,
66.5972)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D3CC
RGB	224, 211, 204
RGB Percent	88%, 83%, 80%
CMY	0.1216, 0.1725, 0.2000
CMYK	0.00, 0.06, 0.09, 0.12
HSL	21°, 24%, 84%
HSV	21°, 9%, 88%
XYZ	64.9338, 66.7955, 66.5972
YIQ	214.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

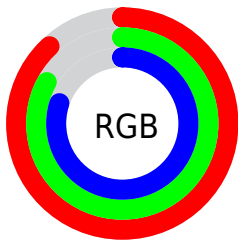
Format	Color
R _Y B	224, 215, 204
Decimal	14734284
CIE Lab	85.40, 3.29, 5.06
CIE LCh	85, 6.037, 56.919
Yxy	66.7955, 0.3274, 0.3368
Android (android.graphics.Color)	4292924364 (0xFFE0D3CC)
YUV	214.0890, -4.9739, 8.6919
Hunter-Lab	81.7285, -1.2056, 8.8970

Details

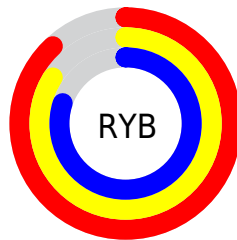
The XYZ color **64.9338, 66.7955, 66.5972** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1690, 67.8435, 80.2874**, and the grayscale version is **64.0057, 67.3390, 73.3322**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9242, 34.7510, 33.7738** is the 20% darker color. If you saturate the color by 10%, you get **58.9847, 58.8917, 52.2987**, and if you desaturate by 10%, it is **71.6005, 75.5147, 83.0428**.

Distribution



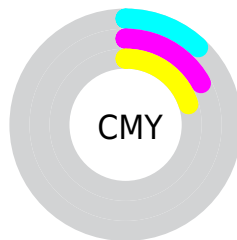
- Red (88%)
- Green (83%)
- Blue (80%)



- Red (88%)
- Yellow (84%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (12%)



- Cyan (12%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9338, 66.7955, 66.5972 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 64.9338, 66.7955, 66.5972 by changing the saturation by 10% instead.

■ 64.9338, 66.7955,
66.5972

■ 64.9338, 66.7955,
66.5972

432.1030,
449.2165, 466.9720

■ 47.6719, 48.9185,
48.2978

111.0209,
114.6273, 115.9782

■ 33.7773, 34.5548,
33.7011

140.5768,
145.3509, 147.8969

■ 22.8846, 23.3201,
22.3886

174.9615,
181.1255, 185.1925

■ 14.6286, 14.8301,
13.9417

214.5402,
222.3354, 228.2834

■ 8.6437, 8.7002,
7.9418

259.6784,
269.3650, 277.5883

■ 4.5648, 4.5462,
3.9705

310.7413,

■ 2.0264, 1.9835,

322.5988, 333.5257

1.6092

368.0944,
382.4212, 396.5141

■ 0.6487, 0.5979,
0.2974

■ 0.0000, 0.0000,
0.0000

■ 64.9338, 66.7955,
66.5972

■ 64.9338, 66.7955,
66.5972

■ 58.9847, 58.8917,
52.2987

■ 71.6005, 75.5147,
83.0428

■ 53.7227, 51.7705,
40.0538

■ 79.0030, 85.0632,
101.7154

■ 49.1229, 45.4099,
29.7682

■ 84.4460, 94.3780,
108.3737

■ 45.1569, 39.7834,
21.3385

■ 84.5507, 94.5874,
108.4086

■ 41.7939, 34.8629,
14.6519

■ 39.0005, 30.6183,
9.5829

■ 36.7392, 27.0169,
5.9890

■ 34.9670, 24.0227,
3.7024

■ 33.6231, 21.5912,
2.4643

Harmonies

Analogous

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



65.8617, 66.7955, 69.3712



64.9338, 66.7955, 66.5972



63.6286, 66.7955, 65.4624

Triad

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



64.9338, 66.7955, 66.5972



60.8964, 66.7955, 72.3248



64.6855, 66.7955, 79.6554

Complementary

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



64.9338, 66.7955, 66.5972



63.1690, 67.8435, 80.2874

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.



63.3459, 66.7955, 80.5143



64.9338, 66.7955, 66.5972



61.1703, 66.7955, 76.1934

Square

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



64.9338, 66.7955, 66.5972



61.3083, 66.7955, 68.6938



62.0621, 66.7955, 79.2260



65.7169, 66.7955, 76.9190

Rectangle

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



64.9338, 66.7955, 66.5972



62.7246, 66.7955, 65.7567



62.0621, 66.7955, 79.2260



64.2558, 66.7955, 80.1774

Sweetspot

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



64.9357, 66.7984, 66.5986



92.2772, 96.3863, 102.0200



64.8585, 64.0437, 74.5897



19.5957, 20.4276, 21.4527



0.0000, 0.0000, 0.0000



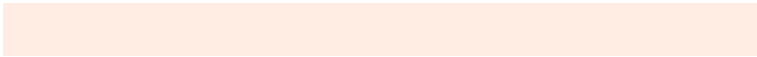
20.3446, 21.4041, 23.3091

Same Dimension

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



64.9357, 66.7984, 66.5986



85.3169, 87.2406, 84.9793



67.4967, 71.9206, 67.4523



14.0979, 14.4818, 14.3590



19.5952, 12.6283, 1.4047



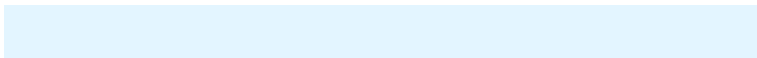
1.4402, 1.0393, 0.1247

Inverse Universe

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



63.1690, 67.8435, 80.2874



82.4186, 88.9545, 107.4337



60.6701, 62.8458, 79.4544



13.6915, 14.7222, 17.5077



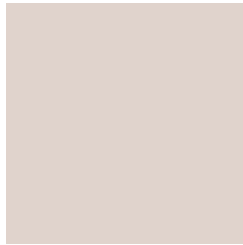
13.8862, 15.2419, 43.2585



1.0455, 1.2225, 3.0261

Previews

White Background



This preview shows how the XYZ color 64.9338, 66.7955, 66.5972 looks on a white background.

Color Contrast Check

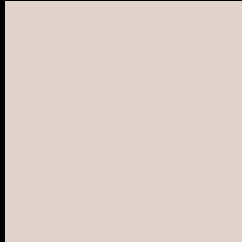
Large Text (above 18pt) WCAG AA × Fail

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 64.9338, 66.7955, 66.5972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

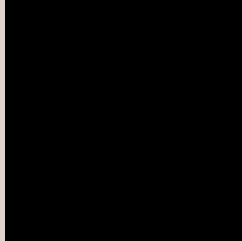
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

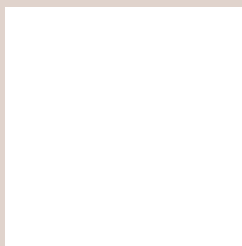
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9338, 66.7955, 66.5972

Background



This preview shows how black text looks on a background with the XYZ color 64.9338, 66.7955, 66.5972.

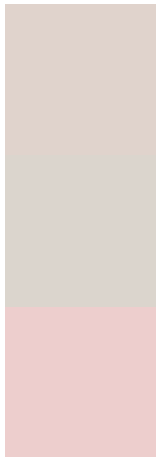


This preview shows how white text looks on a background with the XYZ color 64.9338, 66.7955,

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

64.9338, 66.7955, 66.5972

Protanopia

64.0271, 67.0563, 67.3262

Deuteranopia

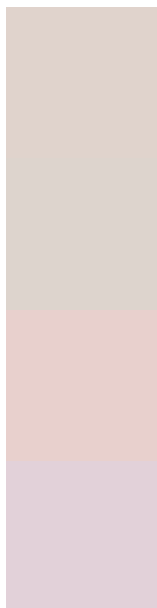
68.0158, 66.5549, 67.0192



Tritanopia

67.6890, 66.8245, 79.8518

Trichromacy



Original Color

64.9338, 66.7955, 66.5972

Protanomaly

64.3817, 66.8669, 67.2709

Deuteranomaly

66.8540, 66.6753, 67.1036

Tritanomaly

66.6889, 66.7794, 75.0205

Monochromacy



Original Color

64.9338, 66.7955, 66.5972

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.3406, 67.1471, 70.5423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9338, 66.7955, 66.5972 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, 211, 204) looks like.

```
.text, #text, p{  
    color:rgb(224, 211, 204)  
}
```

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, 211, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 211, 204) }
```

Border

The CSS property to change the border of an element to XYZ 64.9338, 66.7955, 66.5972 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, 211, 204) }
```


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

```
.border{ border-color:rgb(224, 211, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 211, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 211, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 211, 204);  
box-shadow:4px 4px 4px 4px rgb(224, 211,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9338, 66.7955, 66.5972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 211, 204) }
```

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

```
.background{ background-color: rgb(224,  
211, 204) }
```

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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