

Converting Colors

XYZ(67.4968, 67.1667, 64.2292)

Have a look what the booklet for
XYZ(67.4968, 67.1667, 64.2292)
contains.

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Color

**XYZ(67.2422, 66.9440,
64.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD0C8
RGB	235, 208, 200
RGB Percent	92%, 82%, 78%
CMY	0.0784, 0.1843, 0.2157
CMYK	0.00, 0.11, 0.15, 0.08
HSL	14°, 47%, 85%
HSV	14°, 15%, 92%
XYZ	67.2422, 66.9440, 64.0210
YIQ	215.1610, 18.6600, 3.2360

Conversions

Conversions Part 2

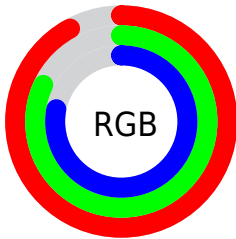
Format	Color
R _Y B	235, 210, 200
Decimal	15454408
CIE Lab	85.48, 8.13, 7.41
CIE LCh	85, 10.997, 42.334
Yxy	66.9440, 0.3393, 0.3377
Android (android.graphics.Color)	4293644488 (0xFFEBD0C8)
YUV	215.1610, -7.4744, 17.3988
Hunter-Lab	81.8193, 3.5142, 10.8810

Details

The XYZ color **67.2422, 66.9440, 64.0210** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.2837, 73.2144, 89.2364**, and the grayscale version is **64.7421, 68.1137, 74.1758**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3343, 34.7702, 32.0431** is the 20% darker color. If you saturate the color by 10%, you get **60.5349, 57.5916, 49.2606**, and if you desaturate by 10%, it is **74.8805, 77.4814, 81.1759**.

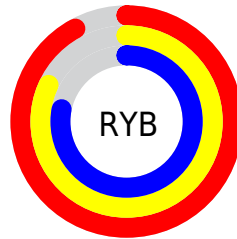
Distribution



Red (92%)

Green (82%)

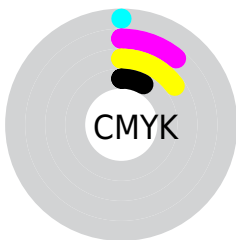
Blue (78%)



Red (92%)

Yellow (82%)

Blue (78%)

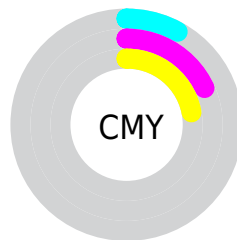


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2422, 66.9440, 64.0210 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 67.2422, 66.9440, 64.0210 by changing the saturation by 10% instead.

67.2422, 66.9440,
64.0210

67.2422, 66.9440,
64.0210

440.2253,
449.7454, 457.4750

49.5529, 49.0391,
46.2214

114.3153,
114.8402, 112.2409

35.2746, 34.6505,
32.0706

144.4298,
145.6002, 143.4983

24.0420, 23.3938,
21.1502

179.4167,
181.4142, 180.0788

15.4897, 14.8845,
13.0415

219.6414,
222.6663, 222.4007

9.2523, 8.7384,
7.3261

265.4693,
269.7412, 270.8828

4.9645, 4.5709,
3.5853

317.2656,

2.2610, 1.9978,

323.0230, 325.9435

1.4007

375.3959,
382.8963, 388.0014

■ 0.7746, 0.6062,
0.1423

■ 0.0000, 0.0000,
0.0000

■ 67.2422, 66.9440,
64.0210

■ 67.2422, 66.9440,
64.0210

■ 60.5349, 57.5916,
49.2606

■ 74.8805, 77.4814,
81.1759

■ 54.7169, 49.3737,
36.7837

■ 83.4783, 89.2342,
100.8212

■ 49.7514, 42.2492,
26.4767

■ 88.0713, 96.4024,
108.5734

■ 45.5971, 36.1713,
18.2145

■ 42.2086, 31.0896,
11.8592

■ 39.5363, 26.9493,
7.2557

■ 37.5238, 23.6900,
4.2243

■ 36.1051, 21.2437,
2.5453

■ 35.5685, 20.2767,
2.0391

Harmonies

Analogous

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



68.4326, 66.9440, 69.9941



67.2422, 66.9440, 64.0210



65.0958, 66.9440, 60.5634

Triad

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



67.2422, 66.9440, 64.0210



59.1642, 66.9440, 68.7988



64.6589, 66.9440, 87.1587

Complementary

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



67.2422, 66.9440, 64.0210



66.2837, 73.2144, 89.2364

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.



62.1830, 66.9440, 86.7864



67.2422, 66.9440, 64.0210



59.0542, 66.9440, 75.8660

Square

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



67.2422, 66.9440, 64.0210



60.4508, 66.9440, 63.1953



60.1462, 66.9440, 82.5438



66.9152, 66.9440, 83.5301

Rectangle

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



67.2422, 66.9440, 64.0210



63.4330, 66.9440, 60.0024



60.1462, 66.9440, 82.5438



63.8239, 66.9440, 87.5037

Sweetspot

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



67.2440, 66.9470, 64.0224



90.9922, 94.4430, 99.6597



68.8388, 64.5408, 81.8052



19.3172, 19.9967, 20.9710



0.0000, 0.0000, 0.0000



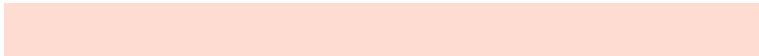
20.3446, 21.4041, 23.3091

Same Dimension

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



67.2440, 66.9470, 64.0224



78.2485, 76.8434, 71.0947



71.6349, 75.7287, 65.4860



15.3449, 15.6129, 15.7235



19.8748, 11.4438, 1.1614



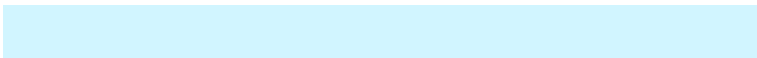
1.6318, 1.0408, 0.1149

Inverse Universe

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



66.2837, 73.2144, 89.2364



76.8751, 85.7945, 107.1160



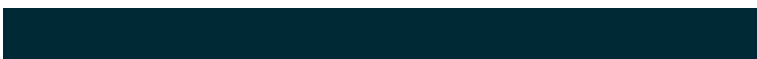
61.8417, 64.3305, 87.7557



15.2086, 16.5037, 19.3062



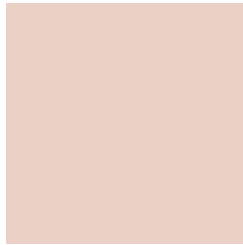
17.6721, 21.9911, 47.0563



1.4588, 1.8691, 3.7188

Previews

White Background



This preview shows how the XYZ color 67.2422, 66.9440, 64.0210 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 67.2422, 66.9440, 64.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

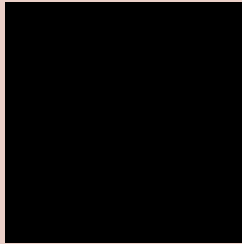
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2422, 66.9440, 64.0210

Background



This preview shows how black text looks on a background with the XYZ color 67.2422, 66.9440, 64.0210.

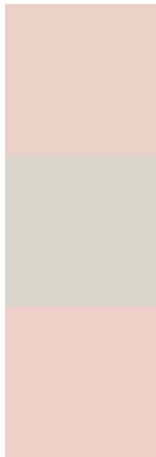


This preview shows how white text looks on a background with the XYZ color 67.2422, 66.9440,

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

67.2422, 66.9440, 64.0210

Protanopia

64.0889, 67.1159, 66.0767

Deuteranopia

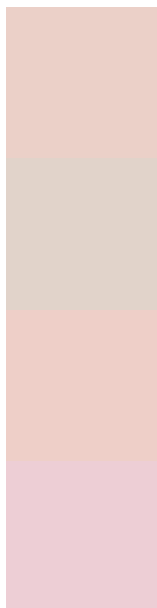
68.0932, 66.6635, 63.9220



Tritanopia

70.1424, 67.0602, 77.6536

Trichromacy



Original Color

67.2422, 66.9440, 64.0210

Protanomaly

65.0063, 66.8604, 65.3563

Deuteranomaly

67.9980, 66.9729, 63.9868

Tritanomaly

69.0066, 66.9512, 72.2366

Monochromacy



Original Color

67.2422, 66.9440, 64.0210

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.3005, 67.2697, 70.5154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2422, 66.9440, 64.0210 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(235, 208, 200)` looks like.

```
.text, #text, p{  
    color:rgb(235, 208, 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(235, 208, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 208, 200) }
```

Border

The CSS property to change the border of an element to XYZ 67.2422, 66.9440, 64.0210 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(235, 208, 200) }
```


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

```
.border{ border-color:rgb(235, 208, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 208, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 208, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 208, 200);  
box-shadow:4px 4px 4px 4px rgb(235, 208,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2422, 66.9440, 64.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 208, 200) }
```

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

```
.background{ background-color: rgb(235,  
208, 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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