

Converting Colors

XYZ(71.9184, 74.7816, 68.3606)

Have a look what the booklet for
XYZ(71.9184, 74.7816, 68.3606)
contains.

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Color

**XYZ(71.9992, 75.0160,
68.4424)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDFCD
RGB	236, 223, 205
RGB Percent	93%, 87%, 80%
CMY	0.0745, 0.1255, 0.1961
CMYK	0.00, 0.06, 0.13, 0.07
HSL	35°, 45%, 86%
HSV	35°, 13%, 93%
XYZ	71.9992, 75.0160, 68.4424
YIQ	224.8350, 13.5260, -2.8420

Conversions

Conversions Part 2

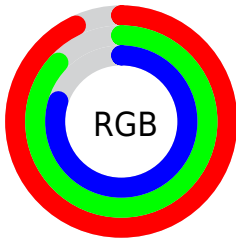
Format	Color
RYB	227, 236, 205
Decimal	15523789
CIELab	89.40, 1.48, 10.40
CIELCh	89, 10.506, 81.905
Yxy	75.0160, 0.3342, 0.3482
Android (android.graphics.Color)	4293713869 (0xFFE0F0F0)
YUV	224.8350, -9.7787, 9.7917
Hunter-Lab	86.6118, -3.1860, 13.7761

Details

The XYZ color **71.9992, 75.0160, 68.4424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3884, 69.1767, 89.2637**, and the grayscale version is **71.5125, 75.2367, 81.9327**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4109, 39.9429, 34.9634** is the 20% darker color. If you saturate the color by 10%, you get **66.7967, 68.8308, 53.6975**, and if you desaturate by 10%, it is **77.7900, 81.6887, 85.5051**.

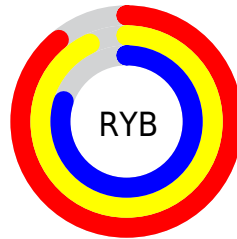
Distribution



Red (93%)

Green (87%)

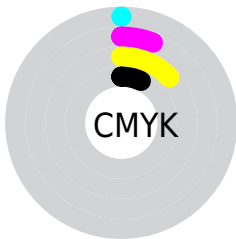
Blue (80%)



Red (89%)

Yellow (93%)

Blue (80%)

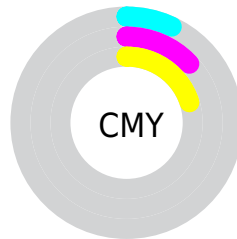


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9992, 75.0160, 68.4424 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 71.9992, 75.0160, 68.4424 by changing the saturation by 10% instead.

71.9992, 75.0160,
68.4424

71.9992, 75.0160,
68.4424

456.6965,
477.9726, 473.7024

53.4435, 55.6260,
49.7888

121.0662,
126.3350, 118.6450

38.3858, 39.9031,
34.8756

152.3082,
159.0328, 151.0311

26.4608, 27.4630,
23.2843

188.5097,
196.9353, 188.8317

17.3032, 17.9213,
14.5963

230.0360,
240.4270, 232.4655

10.5475, 10.8935,
8.3931

277.2524,
289.8921, 282.3509

5.8285, 5.9953,
4.2561

330.5244,

2.7808, 2.8422,

345.7152, 338.9065

1.7669

390.2173,
408.2805, 402.5508

■ 1.0389, 1.0499,
0.4060

■ 0.0000, 0.0000,
0.0000

■ 71.9992, 75.0160,
68.4424

■ 71.9992, 75.0160,
68.4424

■ 66.7967, 68.8308,
53.6975

■ 77.7900, 81.6887,
85.5051

■ 62.1546, 63.1102,
41.1639

■ 84.1836, 88.8512,
104.9763

■ 58.0516, 57.8439,
30.7333

■ 87.6686, 95.1054,
108.3443

■ 54.4625, 53.0175,
22.2870

■ 88.4024, 96.5730,
108.5889

■ 51.3598, 48.6154,
15.6938

■ 48.7129, 44.6206,
10.8068

■ 46.4867, 41.0143,
7.4562

■ 44.6393, 37.7748,
5.4366

■ 43.5476, 35.7434,
4.6040

Harmonies

Analogous

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



74.3959, 75.0160, 71.0308



71.9992, 75.0160, 68.4424



69.4710, 75.0160, 69.2290

Triad

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



71.9992, 75.0160, 68.4424



66.8090, 75.0160, 87.0794



75.2644, 75.0160, 90.7348

Complementary

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



71.9992, 75.0160, 68.4424



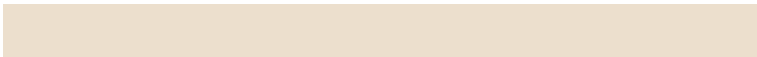
65.3884, 69.1767, 89.2637

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.



73.1618, 75.0160, 95.5402



71.9992, 75.0160, 68.4424



68.2921, 75.0160, 93.3430

Square

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



71.9992, 75.0160, 68.4424



66.5147, 75.0160, 79.7012



70.6063, 75.0160, 96.5223



76.3104, 75.0160, 83.6906

Rectangle

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



71.9992, 75.0160, 68.4424



68.0476, 75.0160, 71.5839



70.6063, 75.0160, 96.5223



74.6554, 75.0160, 92.6826

Sweetspot

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



72.0012, 75.0193, 68.4440



92.1019, 96.6624, 100.0296



69.1360, 66.5812, 75.8359



19.5977, 20.5577, 21.0645



0.0000, 0.0000, 0.0000



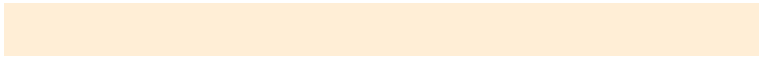
20.3446, 21.4041, 23.3091

Same Dimension

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



72.0012, 75.0193, 68.4440



83.9475, 87.2139, 76.1618



74.9255, 81.8806, 69.6142



15.7922, 16.5074, 15.8726



24.1349, 19.9640, 2.5814



1.9899, 1.7572, 0.2343

Inverse Universe

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



65.3884, 69.1767, 89.2637



74.5010, 78.8683, 105.9042



62.7234, 62.9949, 88.2109



14.7501, 15.5866, 19.1534



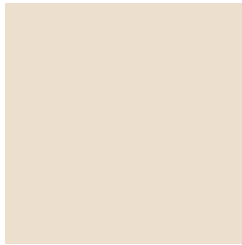
10.9230, 8.4931, 44.8066



0.9509, 0.8533, 3.5495

Previews

White Background



This preview shows how the XYZ color 71.9992, 75.0160, 68.4424 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 71.9992, 75.0160, 68.4424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

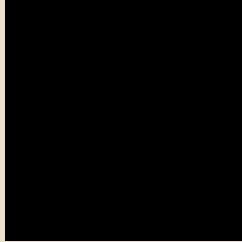
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9992, 75.0160, 68.4424

Background



This preview shows how black text looks on a background with the XYZ color 71.9992, 75.0160, 68.4424.



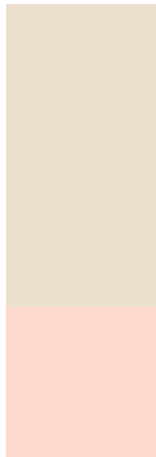
This preview shows how white text looks on a background with the XYZ color 71.9992, 75.0160,

68.4424.

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

71.9992, 75.0160, 68.4424

Protanopia

71.2794, 75.0427, 68.4855

Deuteranopia

76.4614, 74.9646, 68.8322



Tritanopia

76.1469, 74.7242, 89.7667

Trichromacy



Original Color

71.9992, 75.0160, 68.4424

Protanomaly

71.6068, 75.2115, 68.5008

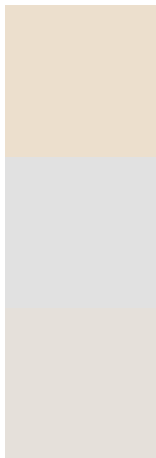
Deuteranomaly

74.8299, 74.8934, 68.9044

Tritanomaly

74.7804, 74.9734, 81.7641

Monochromacy



Original Color

71.9992, 75.0160, 68.4424

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.6236, 75.0313, 77.0372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9992, 75.0160, 68.4424 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(236, 223, 205)` looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 205)  
}
```

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(236, 223, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 205) }
```

Border

The CSS property to change the border of an element to XYZ 71.9992, 75.0160, 68.4424 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(236, 223, 205) }
```


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

```
.border{ border-color:rgb(236, 223, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 223, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 205);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9992, 75.0160, 68.4424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 223, 205) }
```

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

```
.background{ background-color: rgb(236,  
223, 205) }
```

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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