

Converting Colors

XYZ(71.5693, 74.8849, 66.5700)

Have a look what the booklet for
XYZ(71.5693, 74.8849, 66.5700)
contains.

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Color

**XYZ(71.6404, 74.8725,
66.5531)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDFCA
RGB	236, 223, 202
RGB Percent	93%, 87%, 79%
CMY	0.0745, 0.1255, 0.2078
CMYK	0.00, 0.06, 0.14, 0.07
HSL	37°, 47%, 86%
HSV	37°, 14%, 93%
XYZ	71.6404, 74.8725, 66.5531
YIQ	224.4930, 14.4890, -3.7750

Conversions

Conversions Part 2

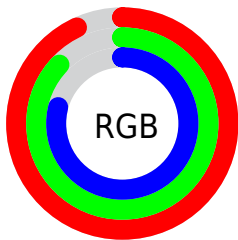
Format	Color
R _Y B	223, 236, 202
Decimal	15523786
CIE Lab	89.33, 1.01, 11.88
CIE LCh	89, 11.919, 85.135
Yxy	74.8725, 0.3362, 0.3514
Android (android.graphics.Color)	4293713866 (0xFFE0D0)
YUV	224.4930, -11.0890, 10.0916
Hunter-Lab	86.5289, -3.6390, 14.9677

Details

The XYZ color **71.6404, 74.8725, 66.5531** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7976, 67.2121, 88.9682**, and the grayscale version is **71.2757, 74.9875, 81.6614**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1703, 39.8467, 33.6964** is the 20% darker color. If you saturate the color by 10%, you get **66.7115, 69.1493, 52.1623**, and if you desaturate by 10%, it is **77.1292, 81.0301, 83.2406**.

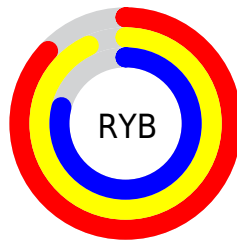
Distribution



Red (93%)

Green (87%)

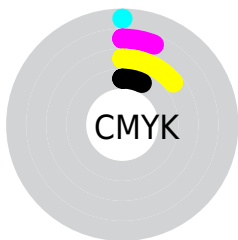
Blue (79%)



Red (87%)

Yellow (93%)

Blue (79%)

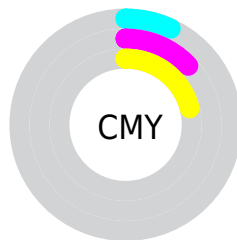


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6404, 74.8725, 66.5531 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 71.6404, 74.8725, 66.5531 by changing the saturation by 10% instead.

71.6404, 74.8725,
66.5531

71.6404, 74.8725,
66.5531

455.4661,
477.4792, 466.8105

53.1494, 55.5084,
48.2622

120.5587,
126.1319, 115.9144

38.1500, 39.8089,
33.6731

151.7167,
158.7960, 147.8218

26.2769, 27.3896,
22.3673

187.8278,
196.6622, 185.1053

17.1646, 17.8661,
13.9261

229.2572,
240.1150, 228.1832

10.4480, 10.8539,
7.9311

276.3704,
289.5386, 277.4741

5.7615, 5.9687,
3.9638

329.5327,

2.7399, 2.8260,

345.3177, 333.3966

1.6055

389.1095,
407.8364, 396.3692

■ 1.0177, 1.0416,
0.2947

■ 0.0000, 0.0000,
0.0000

■ 71.6404, 74.8725,
66.5531

■ 71.6404, 74.8725,
66.5531

■ 66.7115, 69.1493,
52.1623

■ 77.1292, 81.0301,
83.2406

■ 62.3151, 63.8389,
39.9608

■ 83.1917, 87.6232,
102.3160

■ 58.4303, 58.9322,
29.8398

■ 86.8486, 93.4656,
108.0710

■ 55.0323, 54.4160,
21.6792

■ 88.4023, 96.5730,
108.5889

■ 52.0940, 50.2759,
15.3463

■ 49.5850, 46.4964,
10.6921

■ 47.4704, 43.0598,
7.5434

■ 45.7077, 39.9455,
5.6888

■ 44.8401, 38.3285,
5.0348

Harmonies

Analogous

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



74.4162, 74.8725, 69.0498



71.6404, 74.8725, 66.5531



68.8099, 74.8725, 67.8384

Triad

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



71.6404, 74.8725, 66.5531



66.2098, 74.8725, 88.5332



75.8625, 74.8725, 91.0475

Complementary

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



71.6404, 74.8725, 66.5531



63.7976, 67.2121, 88.9682

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.



73.5713, 74.8725, 96.9352



71.6404, 74.8725, 66.5531



68.0081, 74.8725, 95.4155

Square

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



71.6404, 74.8725, 66.5531



65.7244, 74.8725, 80.1698



70.6898, 74.8725, 98.5855



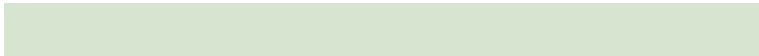
76.8958, 74.8725, 82.8922

Rectangle

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



71.6404, 74.8725, 66.5531



67.2651, 74.8725, 70.7165



70.6898, 74.8725, 98.5855



75.2109, 74.8725, 93.3788

Sweetspot

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



71.6424, 74.8758, 66.5547



92.2198, 96.8981, 100.0689



67.9834, 64.9829, 73.2732



19.6276, 20.6173, 21.0744



0.0000, 0.0000, 0.0000



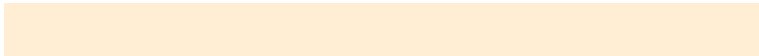
20.3446, 21.4041, 23.3091

Same Dimension

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



71.6424, 74.8758, 66.5547



83.7797, 87.3962, 74.5096



73.9463, 81.4172, 67.6959



15.8404, 16.6038, 15.8887



24.8454, 21.3851, 2.8182



2.0434, 1.8642, 0.2521

Inverse Universe

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



63.7976, 67.2121, 88.9682



72.9043, 76.7725, 105.5838



61.7061, 61.4153, 87.9595



14.7031, 15.4927, 19.1377



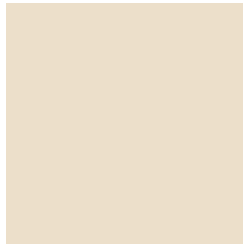
10.4861, 7.6191, 44.6609



0.9138, 0.7791, 3.5371

Previews

White Background



This preview shows how the XYZ color 71.6404, 74.8725, 66.5531 looks on a white background.

Color Contrast Check

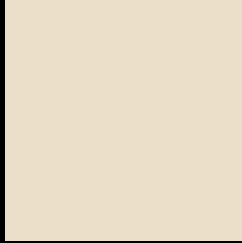
Large Text (above 18pt) WCAG AA × Fail

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 71.6404, 74.8725, 66.5531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

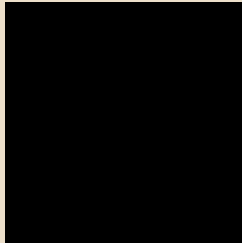
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

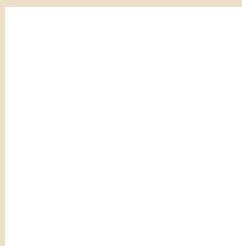
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6404, 74.8725, 66.5531

Background



This preview shows how black text looks on a background with the XYZ color 71.6404, 74.8725, 66.5531.

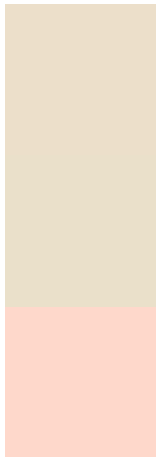


This preview shows how white text looks on a background with the XYZ color 71.6404, 74.8725,

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

71.6404, 74.8725, 66.5531

Protanopia

71.2480, 75.0680, 66.6115

Deuteranopia

76.2084, 74.4944, 66.8621



Tritanopia

76.0020, 74.6662, 89.0035

Trichromacy



Original Color

71.6404, 74.8725, 66.5531

Protanomaly

71.5773, 75.2377, 66.6269

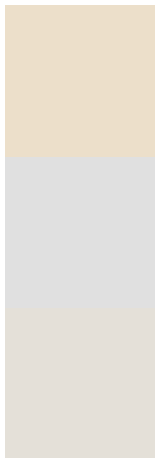
Deuteranomaly

74.4688, 74.7490, 67.0030

Tritanomaly

74.5091, 74.8648, 80.3353

Monochromacy



Original Color

71.6404, 74.8725, 66.5531

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.0452, 74.7632, 75.6520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6404, 74.8725, 66.5531 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, 202) looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 202) }
```

Border

The CSS property to change the border of an element to XYZ 71.6404, 74.8725, 66.5531 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, 202) }
```


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

```
.border{ border-color:rgb(236, 223, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 202);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6404, 74.8725, 66.5531 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, 202) }
```

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

```
.background{ background-color: rgb(236,  
223, 202) }
```

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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