

Converting Colors

XYZ(73.3999, 75.3841, 66.5591)

Have a look what the booklet for
XYZ(73.3999, 75.3841, 66.5591)
contains.

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Color

**XYZ(73.3999, 75.3841,
66.5591)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DECA
RGB	242, 222, 202
RGB Percent	95%, 87%, 79%
CMY	0.0510, 0.1294, 0.2078
CMYK	0.00, 0.08, 0.17, 0.05
HSL	30°, 61%, 87%
HSV	30°, 17%, 95%
XYZ	73.3999, 75.3841, 66.5591
YIQ	225.7000, 18.3400, -1.9800

Conversions

Conversions Part 2

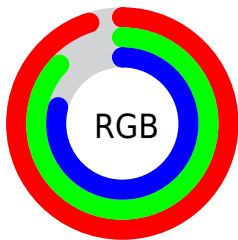
Format	Color
R _Y B	242, 242, 202
Decimal	15916746
CIE Lab	89.57, 3.67, 12.28
CIE LCh	90, 12.821, 73.348
Yxy	75.3841, 0.3409, 0.3501
Android (android.graphics.Color)	4294106826 (0xFFFF2DECA)
YUV	225.7000, -11.6841, 14.2951
Hunter-Lab	86.8240, -1.0404, 15.3252

Details

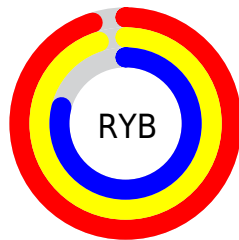
The XYZ color **73.3999, 75.3841, 66.5591** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5050, 71.2083, 94.2443**, and the grayscale version is **72.1462, 75.9034, 82.6589**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4137, 40.2147, 33.7019** is the 20% darker color. If you saturate the color by 10%, you get **67.6583, 68.1320, 51.5999**, and if you desaturate by 10%, it is **79.8256, 83.2838, 83.9649**.

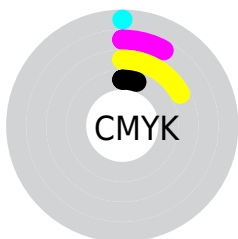
Distribution



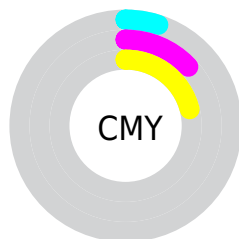
- Red (95%)
- Green (87%)
- Blue (79%)



- Red (95%)
- Yellow (95%)
- Blue (79%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (5%)





- Cyan (5%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3999, 75.3841, 66.5591 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 73.3999, 75.3841, 66.5591 by changing the saturation by 10% instead.


 73.3999, 75.3841,
66.5591

 73.3999, 75.3841,
66.5591


461.4820,
479.2367, 466.8325

 54.5926, 55.9276,
48.2671


123.0448,
126.8559, 115.9231

 39.3082, 40.1449,
33.6769


154.6131,
159.6401, 147.8321

 27.1813, 27.6515,
22.3702


191.1658,
197.6355, 185.1171

 17.8468, 18.0631,
13.9282

233.0682,
241.2267, 228.1968

 10.9390, 10.9953,
7.9326

280.6856,
290.7980, 277.4897

 6.0928, 6.0637,
3.9647

334.3835,

 2.9428, 2.8839,

346.7339, 333.4142

1.6060

394.5272,
409.4187, 396.3889

■ 1.1236, 1.0714,
0.2951

■ 0.0447, 0.0000,
0.0000

■ 73.3999, 75.3841,
66.5591

■ 73.3999, 75.3841,
66.5591

■ 67.6583, 68.1320,
51.5999

■ 79.8256, 83.2838,
83.9649

■ 62.5689, 61.4994,
38.9710

■ 86.9533, 91.8382,
103.9168

■ 58.1062, 55.4707,
28.5535

■ 90.4282, 97.6174,
108.6837

■ 54.2406, 50.0260,
20.2161

■ 50.9394, 45.1435,
13.8136

■ 48.1663, 40.7999,
9.1815

■ 45.8792, 36.9691,
6.1274

■ 44.0269, 33.6211,
4.4103

■ 43.4591, 32.5593,
3.9940

Harmonies

Analogous

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



76.1454, 75.3841, 70.7408



73.3999, 75.3841, 66.5591



70.2612, 75.3841, 66.3342

Triad

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



73.3999, 75.3841, 66.5591



65.9176, 75.3841, 86.1502



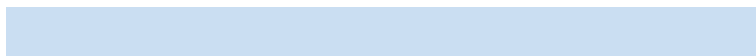
75.8885, 75.3841, 95.3509

Complementary

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



73.3999, 75.3841, 66.5591



66.5050, 71.2083, 94.2443

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.



73.0576, 75.3841, 100.1400



73.3999, 75.3841, 66.5591



67.3358, 75.3841, 94.5715

Square

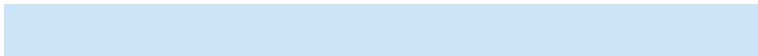
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3999, 75.3841, 66.5591



66.0032, 75.3841, 77.2097



69.9288, 75.3841, 99.8447



77.6107, 75.3841, 87.1519

Rectangle

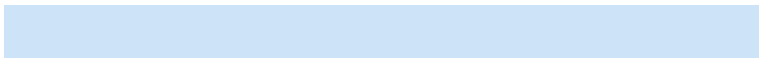
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3999, 75.3841, 66.5591



68.3723, 75.3841, 68.4272



69.9288, 75.3841, 99.8447



75.0315, 75.3841, 97.4389

Sweetspot

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



73.4019, 75.3875, 66.5607



91.0650, 95.2066, 97.7785



70.9241, 66.3932, 78.1852



19.3752, 20.2371, 20.6066



0.0000, 0.0000, 0.0000



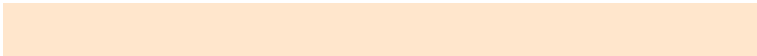
20.3446, 21.4041, 23.3091

Same Dimension

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



73.4019, 75.3875, 66.5607



80.2986, 81.9388, 68.7103



79.0314, 86.6464, 68.4372



16.4259, 17.0650, 16.5779



23.4832, 17.7645, 2.1912



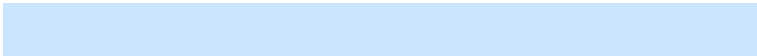
2.0531, 1.6768, 0.2155

Inverse Universe

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



66.5050, 71.2083, 94.2443



71.1080, 76.3697, 105.6008



61.5056, 61.2095, 92.5779



15.5501, 16.5343, 20.0935



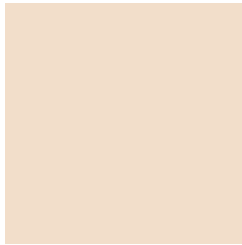
12.4178, 11.0598, 46.6081



1.1325, 1.1191, 3.9105

Previews

White Background



This preview shows how the XYZ color 73.3999, 75.3841, 66.5591 looks on a white background.

Color Contrast Check

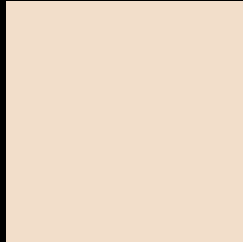
Large Text (above 18pt) WCAG AA × Fail

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 73.3999, 75.3841, 66.5591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

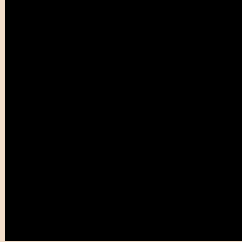
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3999, 75.3841, 66.5591

Background



This preview shows how black text looks on a background with the XYZ color 73.3999, 75.3841, 66.5591.

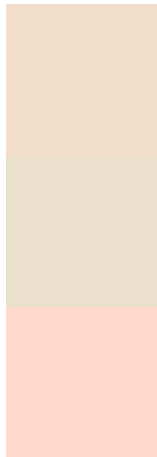


This preview shows how white text looks on a background with the XYZ color 73.3999, 75.3841,

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

73.3999, 75.3841, 66.5591

Protanopia

71.3668, 75.1155, 67.2372

Deuteranopia

76.8323, 75.1975, 66.9650



Tritanopia

77.6702, 75.1591, 88.2554

Trichromacy



Original Color

73.3999, 75.3841, 66.5591

Protanomaly

72.0922, 75.0917, 67.1944

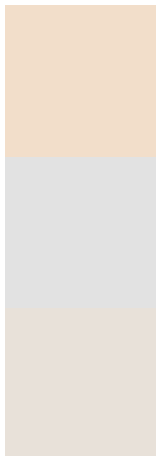
Deuteranomaly

75.5354, 75.2988, 67.0529

Tritanomaly

76.1725, 75.3494, 79.6364

Monochromacy



Original Color

73.3999, 75.3841, 66.5591

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.7283, 76.0160, 76.4850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3999, 75.3841, 66.5591 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(242, 222, 202)` looks like.

```
.text, #text, p{  
    color:rgb(242, 222, 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(242, 222, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 222, 202) }
```

Border

The CSS property to change the border of an element to XYZ 73.3999, 75.3841, 66.5591 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(242, 222, 202) }
```


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

```
.border{ border-color:rgb(242, 222, 202) }
```

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

Here you see how a box with a 4 pixel rgb(242, 222, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 222, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 222, 202);  
box-shadow:4px 4px 4px 4px rgb(242, 222,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3999, 75.3841, 66.5591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 222, 202) }
```

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

```
.background{ background-color: rgb(242,  
222, 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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