

Converting Colors

XYZ(70.9580, 74.9846, 61.7725)

Have a look what the booklet for
XYZ(70.9580, 74.9846, 61.7725)
contains.

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Color

**XYZ(70.9853, 75.0392,
61.7816)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE0C2
RGB	236, 224, 194
RGB Percent	93%, 88%, 76%
CMY	0.0745, 0.1215, 0.2392
CMYK	0.00, 0.05, 0.18, 0.07
HSL	43°, 53%, 84%
HSV	43°, 18%, 93%
XYZ	70.9853, 75.0392, 61.7816
YIQ	224.1680, 16.7820, -6.7860

Conversions

Conversions Part 2

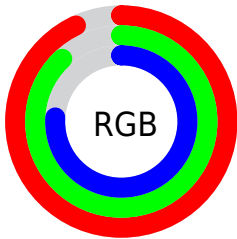
Format	Color
R _Y B	211, 236, 194
Decimal	15524034
CIE Lab	89.41, -0.72, 16.17
CIE LCh	89, 16.184, 92.540
Yxy	75.0392, 0.3416, 0.3611
Android (android.graphics.Color)	4293714114 (0xFFECE0C2)
YUV	224.1680, -14.8728, 10.3767
Hunter-Lab	86.6252, -5.3216, 18.3516

Details

The XYZ color **70.9853, 75.0392, 61.7816** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.4595, 61.6667, 88.1264**, and the grayscale version is **71.0679, 74.7690, 81.4234**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **37.7440, 39.9727, 30.5371** is the 20% darker color. If you saturate the color by 10%, you get **66.7674, 70.5133, 48.3211**, and if you desaturate by 10%, it is **75.7000, 79.8838, 77.4861**.

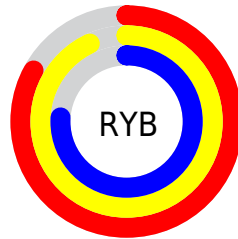
Distribution



Red (93%)

Green (88%)

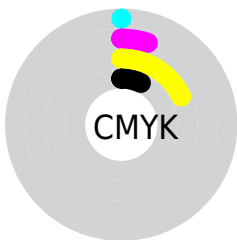
Blue (76%)



Red (83%)

Yellow (93%)

Blue (76%)

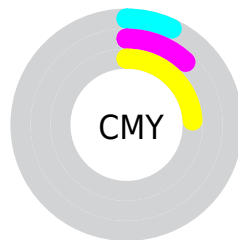


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9853, 75.0392, 61.7816 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 70.9853, 75.0392, 61.7816 by changing the saturation by 10% instead.

70.9853, 75.0392,
61.7816

70.9853, 75.0392,
61.7816

453.2147,
478.0523, 449.1196

52.6127, 55.6450,
44.4216

119.6314,
126.3678, 108.9784

37.7199, 39.9184,
30.6625

150.6356,
159.0711, 139.6522

25.9416, 27.4749,
20.0857

186.5811,
196.9795, 175.6010

16.9124, 17.9302,
12.2726

227.8332,
240.4774, 217.2435

10.2670, 10.8999,
6.8048

274.7572,
289.9492, 264.9980

5.6399, 5.9996,
3.2638

327.7186,

2.6660, 2.8448,

345.7794, 319.2832

1.2308

387.0826,
408.3523, 380.5175

■ 0.9797, 1.0513,
0.0041

■ 0.0000, 0.0000,
0.0000

■ 70.9853, 75.0392,
61.7816

■ 70.9853, 75.0392,
61.7816

■ 66.7674, 70.5133,
48.3211

■ 75.7000, 79.8838,
77.4861

■ 63.0198, 66.2865,
36.9953

■ 80.9248, 85.0462,
95.5276

■ 59.7220, 62.3519,
27.6925

■ 85.0611, 89.8906,
107.4752

■ 56.8498, 58.6985,
20.2893

■ 87.1289, 94.0263,
108.1644

■ 54.3765, 55.3141,
14.6485

■ 88.4023, 96.5730,
108.5889

■ 52.2715, 52.1851,
10.6141

■ 50.4992, 49.2959,
8.0030

■ 49.0114, 46.6257,
6.5658

■ 48.7058, 46.0601,
6.3234

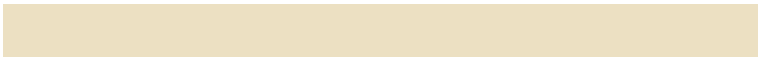
Harmonies

Analogous

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



74.8950, 75.0392, 63.8271



70.9853, 75.0392, 61.7816



67.3011, 75.0392, 64.6511

Triad

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



70.9853, 75.0392, 61.7816



65.0885, 75.0392, 94.0168



78.3012, 75.0392, 92.1890

Complementary

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



70.9853, 75.0392, 61.7816



59.4595, 61.6667, 88.1264

Split Complementary

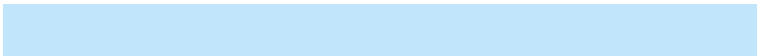
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5010, 75.0392, 101.5214



70.9853, 75.0392, 61.7816



67.8655, 75.0392, 102.6435

Square

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



70.9853, 75.0392, 61.7816



63.9763, 75.0392, 82.6760



71.6608, 75.0392, 105.5080



79.2106, 75.0392, 80.7415

Rectangle

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



70.9853, 75.0392, 61.7816



65.4423, 75.0392, 69.1355



71.6608, 75.0392, 105.5080



77.5449, 75.0392, 95.7124

Sweetspot

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



70.9873, 75.0425, 61.7832



91.9139, 96.9045, 98.0615



65.0983, 60.9028, 67.1007



19.5817, 20.6501, 20.6754



0.0000, 0.0000, 0.0000



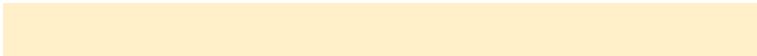
20.3446, 21.4041, 23.3091

Same Dimension

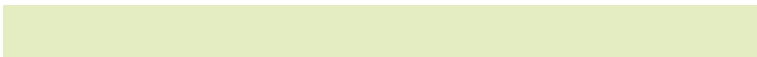
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.9873, 75.0425, 61.7832



82.9093, 87.6456, 68.0838



71.6018, 80.3152, 62.7685



15.9674, 16.8577, 15.9310



26.9632, 25.6207, 3.5242



2.1986, 2.1745, 0.3038

Inverse Universe

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



59.4595, 61.6667, 88.1264



67.0054, 69.1937, 104.4319



58.8985, 57.2532, 87.3040



14.5816, 15.2495, 19.0972



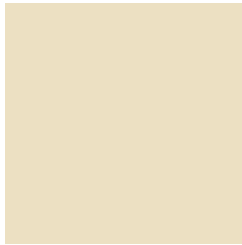
9.5606, 5.7682, 44.3524



0.8303, 0.6121, 3.5093

Previews

White Background



This preview shows how the XYZ color 70.9853, 75.0392, 61.7816 looks on a white background.

Color Contrast Check

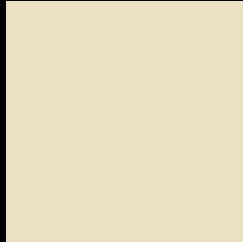
Large Text (above 18pt) WCAG AA × Fail

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 70.9853, 75.0392, 61.7816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

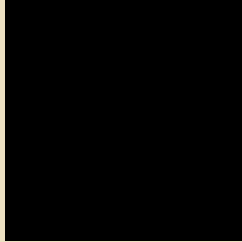
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9853, 75.0392, 61.7816

Background



This preview shows how black text looks on a background with the XYZ color 70.9853, 75.0392, 61.7816.

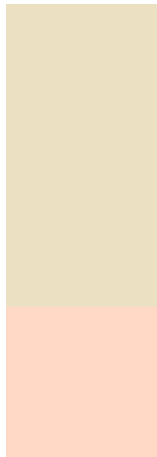


This preview shows how white text looks on a background with the XYZ color 70.9853, 75.0392,

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

70.9853, 75.0392, 61.7816

Protanopia

70.9853, 75.0392, 61.7816

Deuteranopia

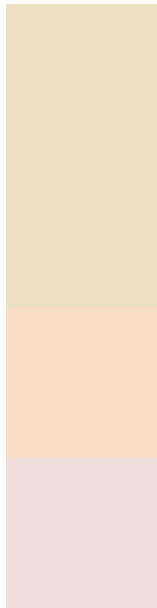
76.2459, 74.9629, 63.8768



Tritanopia

76.3424, 74.8417, 89.0195

Trichromacy



Original Color

70.9853, 75.0392, 61.7816

Protanomaly

70.9853, 75.0392, 61.7816

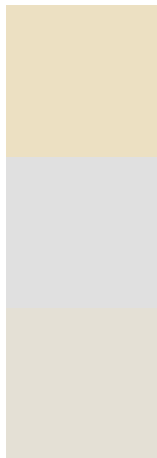
Deuteranomaly

74.3826, 75.1741, 63.4130

Tritanomaly

74.1081, 74.7044, 78.2236

Monochromacy



Original Color

70.9853, 75.0392, 61.7816

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.6608, 74.6094, 73.6276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9853, 75.0392, 61.7816 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, 224, 194) looks like.

```
.text, #text, p{  
    color:rgb(236, 224, 194)  
}
```

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, 224, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 224, 194) }
```

Border

The CSS property to change the border of an element to XYZ 70.9853, 75.0392, 61.7816 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, 224, 194) }
```


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

```
.border{ border-color:rgb(236, 224, 194) }
```

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

Here you see how a box with a 4 pixel rgb(236, 224, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 224, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 224, 194);  
box-shadow:4px 4px 4px 4px rgb(236, 224,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9853, 75.0392, 61.7816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 224, 194) }
```

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

```
.background{ background-color: rgb(236,  
224, 194) }
```

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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