

Converting Colors

XYZ(70.1901, 73.3055, 58.7089)

Have a look what the booklet for
XYZ(70.1901, 73.3055, 58.7089)
contains.

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Color

**XYZ(70.0384, 73.0377,
58.5504)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDCBD
RGB	238, 220, 189
RGB Percent	93%, 86%, 74%
CMY	0.0667, 0.1372, 0.2588
CMYK	0.00, 0.08, 0.21, 0.07
HSL	38°, 59%, 84%
HSV	38°, 21%, 93%
XYZ	70.0384, 73.0377, 58.5504
YIQ	221.8480, 20.6790, -5.8250

Conversions

Conversions Part 2

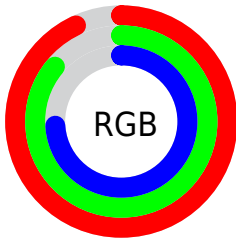
Format	Color
R _Y B	217, 238, 189
Decimal	15654077
CIE Lab	88.47, 1.33, 17.48
CIE LCh	88, 17.527, 85.639
Yxy	73.0377, 0.3474, 0.3622
Android (android.graphics.Color)	4293844157 (0xFFEEDCBD)
YUV	221.8480, -16.1941, 14.1653
Hunter-Lab	85.4621, -3.2733, 19.2037

Details

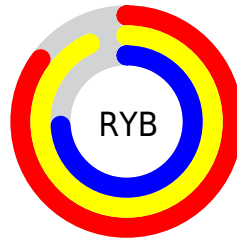
The XYZ color **70.0384, 73.0377, 58.5504** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.7313, 61.6160, 89.6869**, and the grayscale version is **69.4260, 73.0415, 79.5422**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **37.1905, 38.6329, 28.7893** is the 20% darker color. If you saturate the color by 10%, you get **65.4303, 67.6218, 45.2974**, and if you desaturate by 10%, it is **75.1944, 78.8697, 74.0792**.

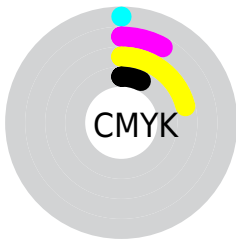
Distribution



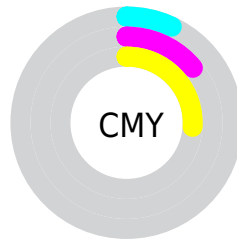
- Red (93%)
- Green (86%)
- Blue (74%)



- Red (85%)
- Yellow (93%)
- Blue (74%)



- Cyan (0%)
- Magenta (8%)
- Yellow (21%)
- Black (7%)





- Cyan (7%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.0384, 73.0377, 58.5504 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 70.0384, 73.0377, 58.5504 by changing the saturation by 10% instead.


 70.0384, 73.0377,
58.5504

 70.0384, 73.0377,
58.5504


449.9491,
471.1455, 436.8891

 51.8375, 54.0068,
41.8337


 118.2895,
123.5307, 104.2466

 37.0994, 38.6071,
28.6465


149.0704,
155.7616, 134.0632

 25.4585, 26.4542,
18.5703


184.7755,
193.1613, 169.0835

 16.5495, 17.1637,
11.1865

225.7699,
236.1142, 209.7260

 10.0071, 10.3513,
6.0767

272.4191,
285.0047, 256.4092

 5.4660, 5.6325,
2.8222

325.0885,

 2.5607, 2.6229,

340.2171, 309.5518

1.0046

384.1434,
402.1359, 369.5723

■ 0.9260, 0.9382,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.0384, 73.0377,
58.5504

■ 70.0384, 73.0377,
58.5504

■ 65.4303, 67.6218,
45.2974

■ 75.1944, 78.8697,
74.0792

■ 61.3417, 62.6002,
34.2063

■ 80.9134, 85.1191,
91.9812

■ 57.7503, 57.9636,
25.1600

■ 86.3350, 91.4471,
107.7085

■ 54.6298, 53.6983,
18.0286

■ 89.0598, 96.8966,
108.6167

■ 51.9506, 49.7894,
12.6668

■ 89.0701, 96.9172,
108.6201

■ 49.6793, 46.2204,
8.9087

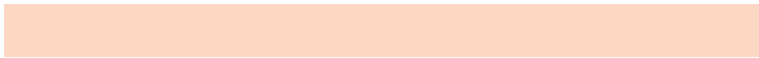
■ 47.7765, 42.9721,
6.5559

■ 46.2618, 40.1807,
5.3174

Harmonies

Analogous

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



74.0967, 73.0377, 61.8593



70.0384, 73.0377, 58.5504



65.9713, 73.0377, 60.3781

Triad

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



70.0384, 73.0377, 58.5504



62.3654, 73.0377, 90.0000



76.3292, 73.0377, 93.3617

Complementary

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



70.0384, 73.0377, 58.5504



58.7313, 61.6160, 89.6869

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.



72.9871, 73.0377, 102.3455



70.0384, 73.0377, 58.5504



64.9447, 73.0377, 100.2710

Square

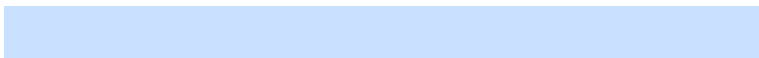
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0384, 73.0377, 58.5504



61.6469, 73.0377, 77.7733



68.8055, 73.0377, 104.9930



77.8208, 73.0377, 81.3041

Rectangle

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



70.0384, 73.0377, 58.5504



63.7843, 73.0377, 64.3729



68.8055, 73.0377, 104.9930



75.3785, 73.0377, 96.8871

Sweetspot

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



70.0403, 73.0410, 58.5519



90.9173, 95.5207, 95.8501



64.8167, 59.1167, 67.5301



19.3669, 20.3433, 20.2251



0.0000, 0.0000, 0.0000



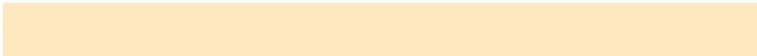
20.3446, 21.4041, 23.3091

Same Dimension

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



70.0403, 73.0410, 58.5519



79.4123, 82.5142, 61.1759



73.1312, 82.0269, 60.1235



16.6065, 17.4262, 16.6381



25.9369, 22.6719, 3.0091



2.2523, 2.0752, 0.2818

Inverse Universe

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



58.7313, 61.6160, 89.6869



63.8132, 66.7576, 104.1299



56.0636, 54.1337, 88.3833



15.3726, 16.1793, 20.0343



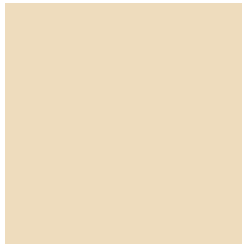
10.6424, 7.5091, 46.0164



0.9772, 0.8083, 3.8587

Previews

White Background



This preview shows how the XYZ color 70.0384, 73.0377, 58.5504 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 70.0384, 73.0377, 58.5504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

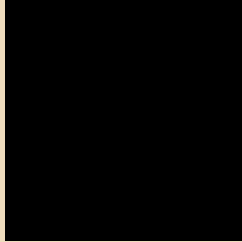
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0384, 73.0377, 58.5504

Background



This preview shows how black text looks on a background with the XYZ color 70.0384, 73.0377, 58.5504.



This preview shows how white text looks on a background with the XYZ color 70.0384, 73.0377,

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

70.0384, 73.0377, 58.5504

Protanopia

68.7550, 72.7542, 59.1344

Deuteranopia

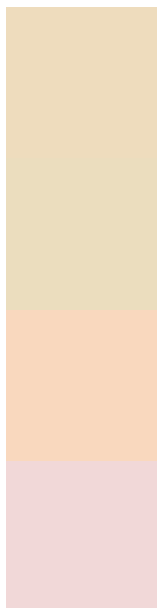
74.5808, 73.0708, 58.8884



Tritanopia

75.4325, 72.9173, 85.7000

Trichromacy



Original Color

70.0384, 73.0377, 58.5504

Protanomaly

69.4117, 73.0928, 59.1651

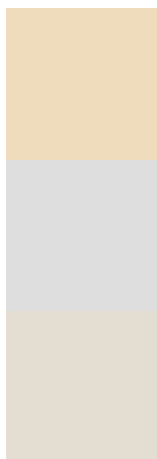
Deuteranomaly

72.9171, 72.9692, 58.9565

Tritanomaly

73.2262, 72.7704, 75.1524

Monochromacy



Original Color

70.0384, 73.0377, 58.5504

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.4842, 72.8600, 71.3739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0384, 73.0377, 58.5504 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(238, 220, 189)` looks like.

```
.text, #text, p{  
    color:rgb(238, 220, 189)  
}
```

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(238, 220, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 220, 189) }
```

Border

The CSS property to change the border of an element to XYZ 70.0384, 73.0377, 58.5504 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(238, 220, 189) }
```


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

```
.border{ border-color:rgb(238, 220, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 220, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 220, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 220, 189); box-shadow:4px 4px 4px 4px rgb(238, 220, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0384, 73.0377, 58.5504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 220, 189) }
```

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

```
.background{ background-color: rgb(238,  
220, 189) }
```

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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