

Converting Colors

XYZ(70.2068, 74.0894, 56.3834)

Have a look what the booklet for
XYZ(70.2068, 74.0894, 56.3834)
contains.

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Color

**XYZ(70.1381, 73.9225,
56.4707)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDEB9
RGB	238, 222, 185
RGB Percent	93%, 87%, 73%
CMY	0.0667, 0.1294, 0.2745
CMYK	0.00, 0.07, 0.22, 0.07
HSL	42°, 61%, 83%
HSV	42°, 22%, 93%
XYZ	70.1381, 73.9225, 56.4707
YIQ	222.5660, 21.4130, -8.1150

Conversions

Conversions Part 2

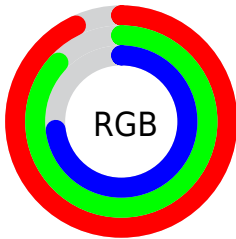
Format	Color
R _Y B	208, 238, 185
Decimal	15654585
CIE Lab	88.89, -0.26, 20.15
CIE LCh	89, 20.151, 90.751
Yxy	73.9225, 0.3498, 0.3686
Android (android.graphics.Color)	4293844665 (0xFFEEDEB9)
YUV	222.5660, -18.5200, 13.5356
Hunter-Lab	85.9782, -4.8476, 21.2429

Details

The XYZ color **70.1381, 73.9225, 56.4707** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.3264, 58.2591, 89.1656**, and the grayscale version is **69.9495, 73.5924, 80.1421**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **37.2750, 39.2485, 27.4409** is the 20% darker color. If you saturate the color by 10%, you get **65.9664, 69.2686, 43.7049**, and if you desaturate by 10%, it is **74.8156, 78.9139, 71.4817**.

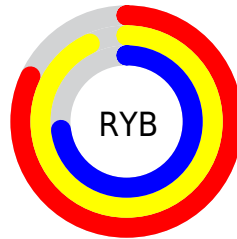
Distribution



Red (93%)

Green (87%)

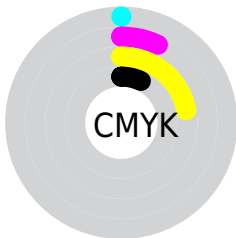
Blue (73%)



Red (82%)

Yellow (93%)

Blue (73%)

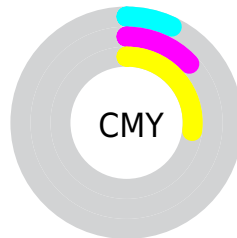


Cyan (0%)

Magenta (7%)

Yellow (22%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1381, 73.9225, 56.4707 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 70.1381, 73.9225, 56.4707 by changing the saturation by 10% instead.

70.1381, 73.9225,
56.4707

70.1381, 73.9225,
56.4707

450.2936,
474.2058, 428.9010

51.9191, 54.7306,
40.1739

118.4309,
124.7859, 101.1851

37.1646, 39.1861,
27.3593

149.2354,
157.2263, 130.4398

25.5092, 26.9045,
17.6085

184.9658,
194.8516, 164.8509

16.5876, 17.5015,
10.5027

225.9874,
238.0462, 204.8369

10.0344, 10.5927,
5.6236

272.6657,
287.1945, 250.8164

5.4842, 5.7937,
2.5525

325.3659,

2.5717, 2.7200,

342.6810, 303.2079

0.8678

384.4534,
404.8900, 362.4299

■ 0.9316, 0.9874,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.1381, 73.9225,
56.4707

■ 70.1381, 73.9225,
56.4707

■ 65.9664, 69.2686,
43.7049

■ 74.8156, 78.9139,
71.4817

■ 62.2727, 64.9317,
33.0692

■ 80.0136, 84.2425,
88.8362

■ 59.0352, 60.9042,
24.4452

■ 85.5266, 89.8303,
107.4390

■ 56.2280, 57.1740,
17.7008

■ 87.7249, 94.2269,
108.1718

■ 53.8220, 53.7277,
12.6883

■ 89.0700, 96.9172,
108.6201

■ 51.7838, 50.5502,
9.2373

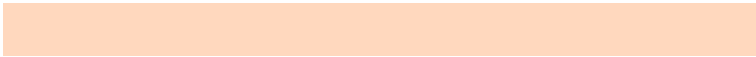
■ 50.0733, 47.6238,
7.1428

■ 48.9280, 45.5132,
6.2061

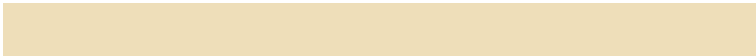
Harmonies

Analogous

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



74.9524, 73.9225, 59.2211



70.1381, 73.9225, 56.4707



65.5660, 73.9225, 59.5088

Triad

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



70.1381, 73.9225, 56.4707



62.4922, 73.9225, 95.0455



78.7814, 73.9225, 94.3649

Complementary

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



70.1381, 73.9225, 56.4707



56.3264, 58.2591, 89.1656

Split Complementary

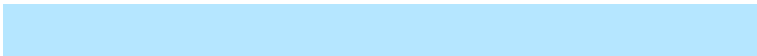
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1752, 73.9225, 105.8981



70.1381, 73.9225, 56.4707



65.7698, 73.9225, 106.3220

Square

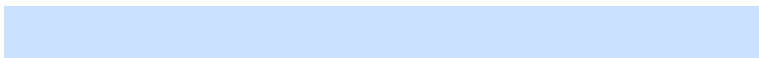
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.1381, 73.9225, 56.4707



61.2792, 73.9225, 80.8421



70.3843, 73.9225, 110.5029



80.0804, 73.9225, 80.1370

Rectangle

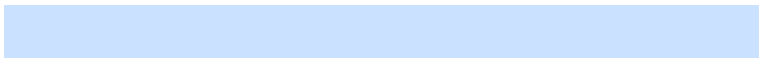
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.1381, 73.9225, 56.4707



63.2337, 73.9225, 64.6370



70.3843, 73.9225, 110.5029



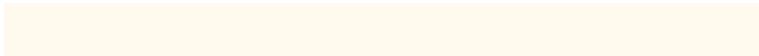
77.7908, 73.9225, 98.7415

Sweetspot

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



70.1400, 73.9258, 56.4723



90.6135, 95.5142, 93.8960



63.2445, 57.1299, 63.4374



19.3162, 20.3632, 19.8347



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.



70.1400, 73.9258, 56.4723



79.6049, 83.7836, 58.5143



71.4169, 81.1926, 57.8076



16.6968, 17.6068, 16.6681



27.4157, 25.6294, 3.5020



2.3676, 2.3058, 0.3203

Inverse Universe

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



56.3264, 58.2591, 89.1656



60.6316, 62.2687, 103.4312



55.2149, 52.4363, 88.1003



15.2862, 16.0065, 20.0055



9.9955, 6.2153, 45.8007



0.9156, 0.6852, 3.8382

Previews

White Background



This preview shows how the XYZ color 70.1381, 73.9225, 56.4707 looks on a white background.

Color Contrast Check

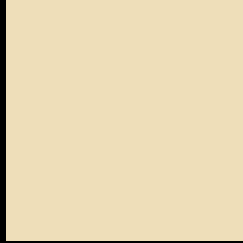
Large Text (above 18pt) WCAG AA × Fail

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 70.1381, 73.9225, 56.4707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

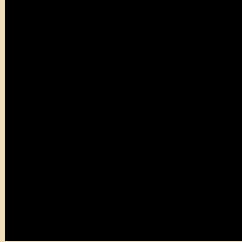
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1381, 73.9225, 56.4707

Background



This preview shows how black text looks on a background with the XYZ color 70.1381, 73.9225, 56.4707.

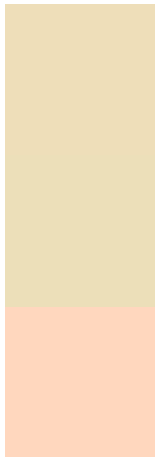


This preview shows how white text looks on a background with the XYZ color 70.1381, 73.9225,

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

70.1381, 73.9225, 56.4707

Protanopia

69.7367, 74.1110, 56.5283

Deuteranopia

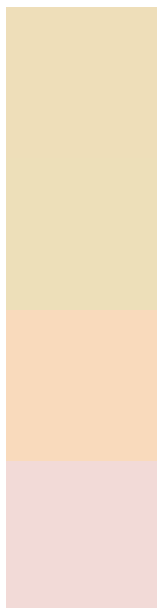
74.8347, 73.5786, 58.9731



Tritanopia

76.1742, 73.6602, 86.5470

Trichromacy



Original Color

70.1381, 73.9225, 56.4707

Protanomaly

70.0697, 74.2827, 56.5439

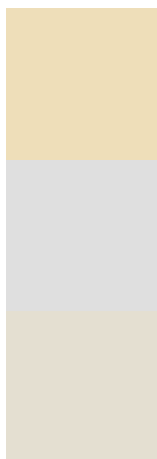
Deuteranomaly

73.2154, 73.9134, 57.9848

Tritanomaly

73.9551, 73.9263, 74.6613

Monochromacy



Original Color

70.1381, 73.9225, 56.4707

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.8912, 73.8728, 70.8968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1381, 73.9225, 56.4707 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, 222, 185)` looks like.

```
.text, #text, p{  
    color:rgb(238, 222, 185)  
}
```

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, 222, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 222, 185) }
```

Border

The CSS property to change the border of an element to XYZ 70.1381, 73.9225, 56.4707 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, 222, 185) }
```


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

```
.border{ border-color:rgb(238, 222, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 222, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 222, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 222, 185);  
box-shadow:4px 4px 4px 4px rgb(238, 222,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1381, 73.9225, 56.4707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 222, 185) }
```

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

```
.background{ background-color: rgb(238,  
222, 185) }
```

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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