

Converting Colors

XYZ(70.2637, 73.6710, 56.4160)

Have a look what the booklet for
XYZ(70.2637, 73.6710, 56.4160)
contains.

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Color

**XYZ(70.2100, 73.5664,
56.3982)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDDDB9
RGB	239, 221, 185
RGB Percent	94%, 87%, 73%
CMY	0.0627, 0.1333, 0.2745
CMYK	0.00, 0.08, 0.23, 0.06
HSL	40°, 63%, 83%
HSV	40°, 23%, 94%
XYZ	70.2100, 73.5664, 56.3982
YIQ	222.2780, 22.2840, -7.3800

Conversions

Conversions Part 2

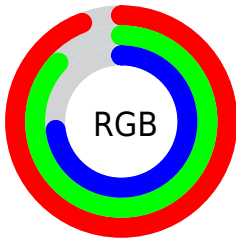
Format	Color
R _Y B	212, 239, 185
Decimal	15719865
CIE Lab	88.72, 0.62, 19.93
CIE LCh	89, 19.937, 88.225
Yxy	73.5664, 0.3507, 0.3675
Android (android.graphics.Color)	4293909945 (0xFFEFDDB9)
YUV	222.2780, -18.3781, 14.6652
Hunter-Lab	85.7709, -3.9831, 21.0538

Details

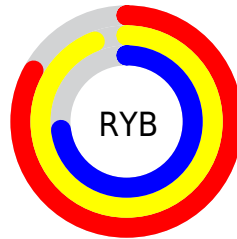
The XYZ color **70.2100, 73.5664, 56.3982** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.9431, 59.2567, 90.0982**, and the grayscale version is **69.7441, 73.3762, 79.9067**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **37.3295, 39.0057, 27.3912** is the 20% darker color. If you saturate the color by 10%, you get **65.8435, 68.5370, 43.5239**, and if you desaturate by 10%, it is **75.1044, 78.9716, 71.5425**.

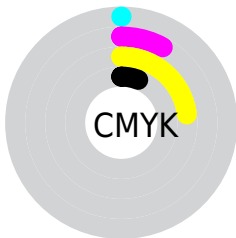
Distribution



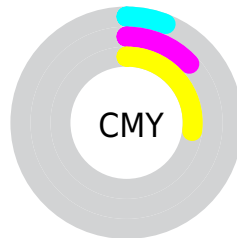
- Red (94%)
- Green (87%)
- Blue (73%)



- Red (83%)
- Yellow (94%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (23%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2100, 73.5664, 56.3982 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 70.2100, 73.5664, 56.3982 by changing the saturation by 10% instead.

70.2100, 73.5664,
56.3982

70.2100, 73.5664,
56.3982

450.5419,
472.9755, 428.6208

51.9780, 54.4392,
40.1161

118.5328,
124.2810, 101.0781

37.2117, 38.9529,
27.3146

149.3543,
156.6371, 130.3131

25.5459, 26.7231,
17.5751

185.1030,
194.1718, 164.7028

16.6151, 17.3654,
10.4791

226.1443,
237.2692, 204.6657

10.0541, 10.4953,
5.6080

272.8434,
286.3140, 250.6205

5.4974, 5.7286,
2.5433

325.5659,

2.5797, 2.6808,

341.6903, 302.9855

0.8630

384.6769,
403.7827, 362.1795

■ 0.9356, 0.9674,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.2100, 73.5664,
56.3982

■ 70.2100, 73.5664,
56.3982

■ 65.8435, 68.5370,
43.5239

■ 75.1044, 78.9716,
71.5425

■ 61.9764, 63.8623,
32.8030

■ 80.5418, 84.7533,
89.0565

■ 58.5862, 59.5335,
24.1153

■ 86.2687, 90.8147,
107.5899

■ 55.6463, 55.5378,
17.3268

■ 88.7291, 95.7354,
108.4100

■ 53.1267, 51.8608,
12.2876

■ 89.4068, 97.0908,
108.6359

■ 50.9932, 48.4864,
8.8245

■ 49.2047, 45.3958,
6.7284

■ 48.0562, 43.2697,
5.8190

Harmonies

Analogous

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



74.9160, 73.5664, 59.5942



70.2100, 73.5664, 56.3982



65.6316, 73.5664, 58.9220

Triad

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



70.2100, 73.5664, 56.3982



62.0725, 73.5664, 93.3178



78.0989, 73.5664, 94.9026

Complementary

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



70.2100, 73.5664, 56.3982



56.9431, 59.2567, 90.0982

Split Complementary

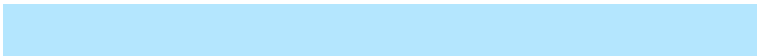
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3968, 73.5664, 105.8302



70.2100, 73.5664, 56.3982



65.1563, 73.5664, 104.8437

Square

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



70.2100, 73.5664, 56.3982



61.0645, 73.5664, 79.2823



69.6361, 73.5664, 109.6591



79.5985, 73.5664, 80.9259

Rectangle

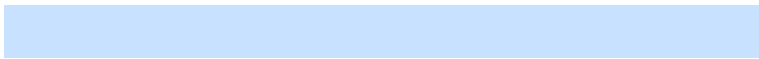
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.2100, 73.5664, 56.3982



63.2379, 73.5664, 63.6919



69.6361, 73.5664, 109.6591



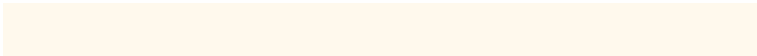
77.0626, 73.5664, 99.1117

Sweetspot

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



70.2119, 73.5697, 56.3997



90.4396, 95.1665, 93.8380



63.7258, 57.3613, 64.2139



19.2759, 20.2826, 19.8212



0.0000, 0.0000, 0.0000



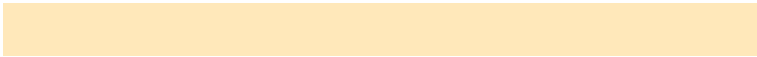
20.3446, 21.4041, 23.3091

Same Dimension

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



70.2119, 73.5697, 56.3997



78.9914, 82.5565, 58.3097



72.2571, 82.0593, 57.9306



16.6533, 17.5198, 16.6537



26.6823, 24.1627, 3.2576



2.3107, 2.1921, 0.3013

Inverse Universe

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



56.9431, 59.2567, 90.0982



61.1596, 63.3248, 103.6072



55.1779, 52.4002, 88.8678



15.3276, 16.0893, 20.0193



10.2884, 6.8010, 45.8983



0.9440, 0.7420, 3.8477

Previews

White Background



This preview shows how the XYZ color 70.2100, 73.5664, 56.3982 looks on a white background.

Color Contrast Check

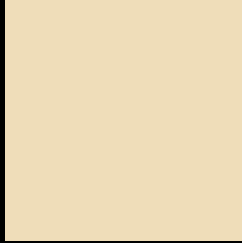
Large Text (above 18pt) WCAG AA × Fail

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 70.2100, 73.5664, 56.3982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

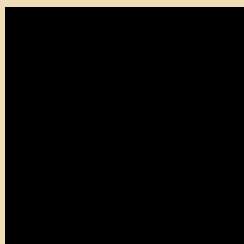
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

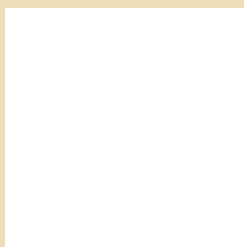
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.2100, 73.5664, 56.3982

Background



This preview shows how black text looks on a background with the XYZ color 70.2100, 73.5664, 56.3982.

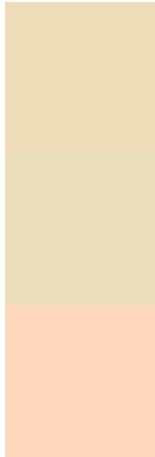


This preview shows how white text looks on a background with the XYZ color 70.2100, 73.5664,

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

70.2100, 73.5664, 56.3982

Protanopia

69.2452, 73.4499, 56.9820

Deuteranopia

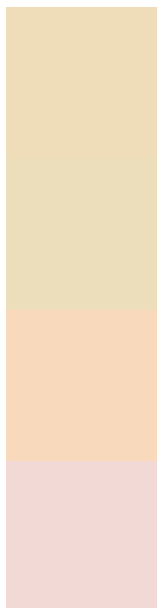
74.7257, 73.5350, 58.3993



Tritanopia

76.3804, 73.7829, 85.8171

Trichromacy



Original Color

70.2100, 73.5664, 56.3982

Protanomaly

69.5763, 73.6206, 56.9975

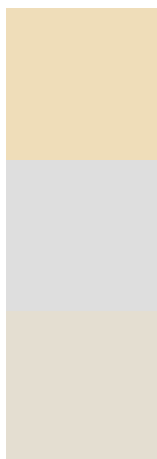
Deuteranomaly

72.9569, 73.3963, 57.8986

Tritanomaly

73.9126, 73.5354, 73.9165

Monochromacy



Original Color

70.2100, 73.5664, 56.3982

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.6248, 73.3400, 70.8080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2100, 73.5664, 56.3982 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(239, 221, 185)` looks like.

```
.text, #text, p{  
    color:rgb(239, 221, 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(239, 221, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 221, 185) }
```

Border

The CSS property to change the border of an element to XYZ 70.2100, 73.5664, 56.3982 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(239, 221, 185) }
```


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

```
.border{ border-color:rgb(239, 221, 185) }
```

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

Here you see how a box with a 4 pixel rgb(239, 221, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 221, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 221, 185);  
box-shadow:4px 4px 4px 4px rgb(239, 221,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2100, 73.5664, 56.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 221, 185) }
```

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

```
.background{ background-color: rgb(239,  
221, 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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