

Converting Colors

XYZ(70.3013, 76.4223, 56.5927)

Have a look what the booklet for
XYZ(70.3013, 76.4223, 56.5927)
contains.

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Color

**XYZ(70.3268, 76.4399,
56.3952)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE4B8
RGB	234, 228, 184
RGB Percent	92%, 89%, 72%
CMY	0.0824, 0.1059, 0.2784
CMYK	0.00, 0.03, 0.21, 0.08
HSL	53°, 54%, 82%
HSV	53°, 21%, 92%
XYZ	70.3268, 76.4399, 56.3952
YIQ	224.7780, 17.7000, -12.4120

Conversions

Conversions Part 2

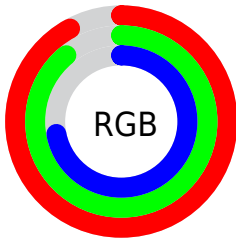
Format	Color
R _Y B	191, 234, 184
Decimal	15393976
CIE Lab	90.06, -4.93, 22.25
CIE LCh	90, 22.791, 102.503
Yxy	76.4399, 0.3462, 0.3763
Android (android.graphics.Color)	4293584056 (0xFFEAE4B8)
YUV	224.7780, -20.1036, 8.0877
Hunter-Lab	87.4299, -9.4207, 22.9569

Details

The XYZ color **70.3268, 76.4399, 56.3952** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.0317, 52.9566, 85.2688**, and the grayscale version is **71.5412, 75.2669, 81.9656**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **37.4004, 40.9908, 27.4135** is the 20% darker color. If you saturate the color by 10%, you get **67.3092, 74.0105, 44.2723**, and if you desaturate by 10%, it is **73.7667, 79.0635, 70.6624**.

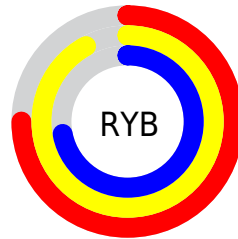
Distribution



Red (92%)

Green (89%)

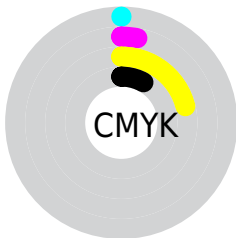
Blue (72%)



Red (75%)

Yellow (92%)

Blue (72%)

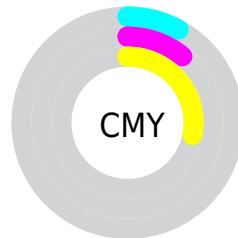


Cyan (0%)

Magenta (3%)

Yellow (21%)

Black (8%)



Cyan (8%)


Magenta (11%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3268, 76.4399, 56.3952 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 70.3268, 76.4399, 56.3952 by changing the saturation by 10% instead.


 70.3268, 76.4399,
56.3952

 70.3268, 76.4399,
56.3952


450.9452,
482.8522, 428.6092

 52.0736, 56.7933,
40.1137


 118.6984,
128.3485, 101.0737

 37.2882, 40.8393,
27.3128


149.5475,
161.3794, 130.3079

 25.6054, 28.1935,
17.5738


185.3259,
199.6404, 164.6967

 16.6598, 18.4716,
10.4781

226.3990,
243.5160, 204.6586

 10.0860, 11.2891,
5.6074

273.1321,
293.3906, 250.6124

 5.5187, 6.2616,
2.5430

325.8906,

 2.5926, 3.0048,

349.6486, 302.9763

0.8628

385.0398,
412.6743, 362.1691

■ 0.9422, 1.1343,
0.0000

■ 0.0000, 0.0070,
0.0000

■ 70.3268, 76.4399,
56.3952

■ 70.3268, 76.4399,
56.3952

■ 67.3092, 74.0105,
44.2723

■ 73.7667, 79.0635,
70.6624

■ 64.6879, 71.7569,
34.1840

■ 77.6416, 81.8787,
87.1669

■ 62.4433, 69.6739,
26.0178

■ 81.9709, 84.8958,
106.0020

■ 60.5516, 67.7517,
19.6488

■ 82.9152, 86.5792,
106.9491

■ 58.9860, 65.9798,
14.9369

■ 83.7440, 88.2369,
107.2254

■ 57.7161, 64.3456,
11.7218

■ 84.5857, 89.9202,
107.5059

■ 56.7053, 62.8346,
9.8109

■ 85.4402, 91.6292,
107.7908

■ 55.9898, 61.6085,
8.9406

■ 86.3076, 93.3640,
108.0799

■ 87.1880, 95.1249,
108.3734

Harmonies

Analogous

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



75.9701, 76.4399, 56.9384



70.3268, 76.4399, 56.3952



65.5569, 76.4399, 62.3307

Triad

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



70.3268, 76.4399, 56.3952



64.9337, 76.4399, 106.0753



83.5177, 76.4399, 92.9416

Complementary

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



70.3268, 76.4399, 56.3952



53.0317, 52.9566, 85.2688

Split Complementary

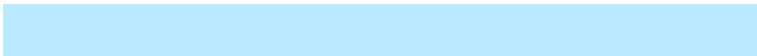
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.2453, 76.4399, 108.3456



70.3268, 76.4399, 56.3952



69.4355, 76.4399, 116.5775

Square

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



70.3268, 76.4399, 56.3952



62.5534, 76.4399, 90.1503



75.0316, 76.4399, 117.4585



83.7869, 76.4399, 76.6733

Rectangle

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



70.3268, 76.4399, 56.3952



63.4352, 76.4399, 69.6728



75.0316, 76.4399, 117.4585



82.7249, 76.4399, 98.4409

Sweetspot

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



70.3288, 76.4433, 56.3968



92.1012, 97.8886, 96.2447



60.4403, 55.5213, 56.6303



19.6473, 20.9041, 20.3186



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.



70.3288, 76.4433, 56.3968



83.6691, 91.4738, 61.2199



66.2957, 76.8551, 56.6889



16.1888, 17.3007, 16.0048



31.5249, 34.7441, 5.0447



2.5190, 2.8153, 0.4106

Inverse Universe

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



53.0317, 52.9566, 85.2688



58.8486, 57.7738, 102.6576



56.4401, 52.8257, 85.0639



14.3767, 14.8398, 19.0289



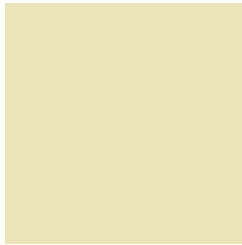
8.6270, 3.9009, 44.0412



0.7250, 0.4015, 3.4742

Previews

White Background



This preview shows how the XYZ color 70.3268, 76.4399, 56.3952 looks on a white background.

Color Contrast Check

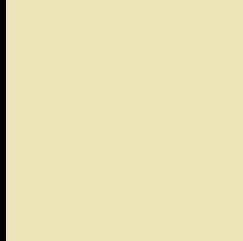
Large Text (above 18pt) WCAG AA × Fail

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 70.3268, 76.4399, 56.3952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

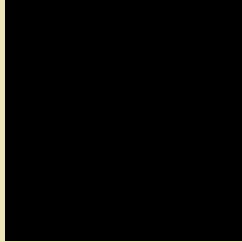
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

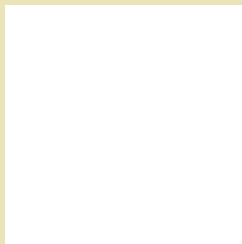
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.3268, 76.4399, 56.3952

Background



This preview shows how black text looks on a background with the XYZ color 70.3268, 76.4399, 56.3952.



This preview shows how white text looks on a background with the XYZ color 70.3268, 76.4399,

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

70.3268, 76.4399, 56.3952

Protanopia

71.6788, 76.3369, 55.7564

Deuteranopia

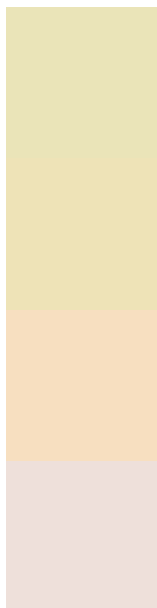
76.7970, 76.4319, 62.9298



Tritanopia

77.5647, 76.5867, 91.5835

Trichromacy



Original Color

70.3268, 76.4399, 56.3952

Protanomaly

71.2762, 76.5342, 55.8157

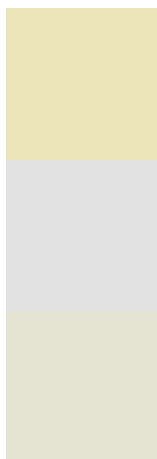
Deuteranomaly

74.2599, 76.3553, 60.6933

Tritanomaly

74.5704, 76.5504, 77.1751

Monochromacy



Original Color

70.3268, 76.4399, 56.3952

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.8241, 75.5398, 71.8206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3268, 76.4399, 56.3952 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(234, 228, 184) looks like.

```
.text, #text, p{  
    color:rgb(234, 228, 184)  
}
```

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(234, 228, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 228, 184) }
```

Border

The CSS property to change the border of an element to XYZ 70.3268, 76.4399, 56.3952 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(234, 228, 184) }
```


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

```
.border{ border-color:rgb(234, 228, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 228, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 228, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 228, 184);  
box-shadow:4px 4px 4px 4px rgb(234, 228,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3268, 76.4399, 56.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 228, 184) }
```

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

```
.background{ background-color: rgb(234,  
228, 184) }
```

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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