

Converting Colors

XYZ(63.5055, 66.9694, 56.1743)

Have a look what the booklet for
XYZ(63.5055, 66.9694, 56.1743)
contains.

XYZ(63.3976, 66.9810, 56.0416)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.3976, 66.9810,
56.0416)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D5BA
RGB	224, 213, 186
RGB Percent	88%, 84%, 73%
CMY	0.1216, 0.1647, 0.2706
CMYK	0.00, 0.05, 0.17, 0.12
HSL	43°, 38%, 80%
HSV	43°, 17%, 88%
XYZ	63.3976, 66.9810, 56.0416
YIQ	213.2110, 15.2230, -6.0650

Conversions

Conversions Part 2

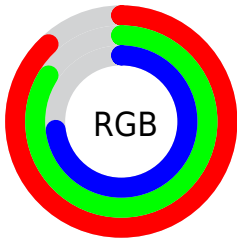
Format	Color
R _Y B	201, 224, 186
Decimal	14734778
CIE Lab	85.49, -0.61, 14.71
CIE LCh	85, 14.723, 92.374
Yxy	66.9810, 0.3401, 0.3593
Android (android.graphics.Color)	4292924858 (0xFFE0D5BA)
YUV	213.2110, -13.4150, 9.4620
Hunter-Lab	81.8419, -4.9510, 16.6903

Details

The XYZ color **63.3976, 66.9810, 56.0416** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.6702, 55.7520, 78.4538**, and the grayscale version is **63.4684, 66.7737, 72.7165**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **32.8227, 34.5822, 27.1354** is the 20% darker color. If you saturate the color by 10%, you get **59.6033, 62.9089, 43.9348**, and if you desaturate by 10%, it is **67.6340, 71.3388, 70.1391**.

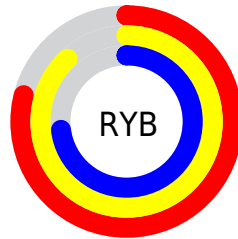
Distribution



Red (88%)

Green (84%)

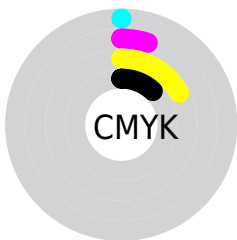
Blue (73%)



Red (79%)

Yellow (88%)

Blue (73%)

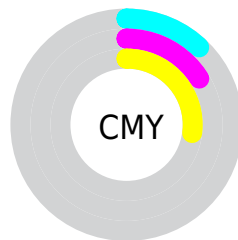


Cyan (0%)

Magenta (5%)

Yellow (17%)

Black (12%)



Cyan (12%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3976, 66.9810, 56.0416 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 63.3976, 66.9810, 56.0416 by changing the saturation by 10% instead.


 63.3976, 66.9810,
56.0416

 63.3976, 66.9810,
56.0416


426.6478,
449.8771, 427.2410

 46.4228, 49.0692,
39.8321


 108.8215,
114.8932, 100.5518

 32.7856, 34.6744,
27.0948


138.0013,
145.6623, 129.6895

 22.1207, 23.4121,
17.4114


171.9802,
181.4861, 163.9738

 14.0627, 14.8981,
10.3632

211.1235,
222.7488, 203.8230

 8.2463, 8.7479,
5.5317

255.7965,
269.8348, 249.6558

 4.3061, 4.5771,
2.4983

306.3647,

 1.8767, 2.0014,

323.1287, 301.8907

0.8393

363.1933,
383.0146, 360.9462

■ 0.5632, 0.6083,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3976, 66.9810,
56.0416

■ 63.3976, 66.9810,
56.0416

■ 59.6033, 62.9089,
43.9348

■ 67.6340, 71.3388,
70.1391

■ 56.2276, 59.1050,
33.7229

■ 72.3242, 75.9812,
86.3086

■ 53.2529, 55.5633,
25.3084

■ 77.4858, 80.9188,
104.6321

■ 50.6579, 52.2741,
18.5835

■ 79.6369, 84.7600,
106.7707

■ 48.4192, 49.2267,
13.4286

■ 81.5679, 88.6219,
107.4144

■ 46.5103, 46.4094,
9.7085

■ 83.5676, 92.6214,
108.0810

■ 44.9005, 43.8083,
7.2648

■ 84.5506, 94.5874,
108.4086

■ 43.5499, 41.4063,
5.8922

■ 43.1710, 40.7081,
5.5821

Harmonies

Analogous

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



66.6906, 66.9810, 57.8072



63.3976, 66.9810, 56.0416



60.2835, 66.9810, 58.4627

Triad

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



63.3976, 66.9810, 56.0416



58.3878, 66.9810, 83.2379



69.5296, 66.9810, 81.8041

Complementary

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



63.3976, 66.9810, 56.0416



53.6702, 55.7520, 78.4538

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.



67.1673, 66.9810, 89.6086



63.3976, 66.9810, 56.0416



60.7292, 66.9810, 90.4860

Square

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



63.3976, 66.9810, 56.0416



57.4550, 66.9810, 73.6960



63.9300, 66.9810, 92.9124



70.3038, 66.9810, 72.1712

Rectangle

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



63.3976, 66.9810, 56.0416



58.7073, 66.9810, 62.2601



63.9300, 66.9810, 92.9124



68.8910, 66.9810, 84.7562

Sweetspot

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



63.3994, 66.9840, 56.0430



91.8990, 96.8746, 98.0565



58.4240, 55.0155, 60.6045



19.5781, 20.6428, 20.6742



0.0000, 0.0000, 0.0000



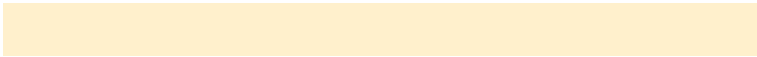
20.3446, 21.4041, 23.3091

Same Dimension

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



63.3994, 66.9840, 56.0430



83.3709, 88.0833, 69.7344



63.9563, 71.5168, 56.8886



14.5192, 15.3244, 14.4994



25.2319, 23.9016, 3.2836



1.8247, 1.8082, 0.2529

Inverse Universe

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



53.6702, 55.7520, 78.4538



68.2199, 70.5935, 104.6381



53.1598, 51.9170, 77.7405



13.2735, 13.8861, 17.3684



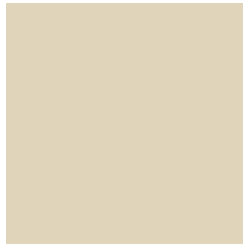
9.0114, 5.4924, 41.6335



0.7001, 0.5317, 2.9110

Previews

White Background



This preview shows how the XYZ color 63.3976, 66.9810, 56.0416 looks on a white background.

Color Contrast Check

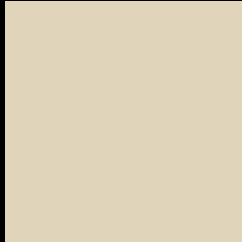
Large Text (above 18pt) WCAG AA × Fail

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 63.3976, 66.9810, 56.0416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

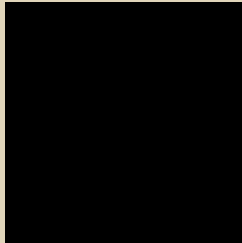
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

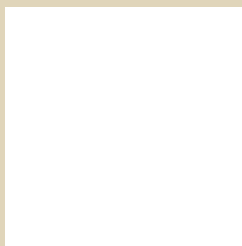
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3976, 66.9810, 56.0416

Background



This preview shows how black text looks on a background with the XYZ color 63.3976, 66.9810, 56.0416.

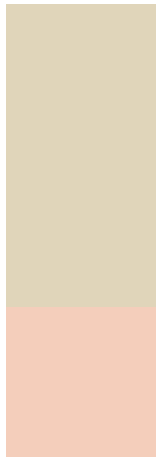


This preview shows how white text looks on a background with the XYZ color 63.3976, 66.9810,

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

63.3976, 66.9810, 56.0416

Protanopia

63.3976, 66.9810, 56.0416

Deuteranopia

68.3492, 66.9636, 56.3366



Tritanopia

68.3235, 67.1516, 79.8815

Trichromacy



Original Color

63.3976, 66.9810, 56.0416

Protanomaly

63.3976, 66.9810, 56.0416

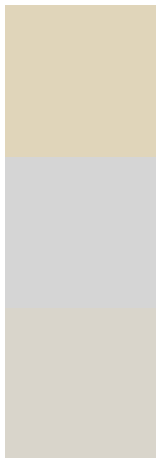
Deuteranomaly

66.6952, 67.1933, 56.4681

Tritanomaly

66.3580, 67.0772, 70.4225

Monochromacy



Original Color

63.3976, 66.9810, 56.0416

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.1890, 66.6520, 66.0346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3976, 66.9810, 56.0416 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(224, 213, 186)` looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 186)  
}
```

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(224, 213, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 186) }
```

Border

The CSS property to change the border of an element to XYZ 63.3976, 66.9810, 56.0416 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(224, 213, 186) }
```


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

```
.border{ border-color:rgb(224, 213, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 213, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 186);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3976, 66.9810, 56.0416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 213, 186) }
```

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

```
.background{ background-color: rgb(224,  
213, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor