

Converting Colors

XYZ(40.4390, 41.5744, 29.6314)

Have a look what the booklet for
XYZ(40.4390, 41.5744, 29.6314)
contains.

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Color

**XYZ(40.3759, 41.6320,
29.5746)**

Conversions

Conversions Part 1

Format	Color
Hex	BFAA89
RGB	191, 170, 137
RGB Percent	75%, 67%, 54%
CMY	0.2510, 0.3333, 0.4627
CMYK	0.00, 0.11, 0.28, 0.25
HSL	37°, 30%, 64%
HSV	37°, 28%, 75%
XYZ	40.3759, 41.6320, 29.5746
YIQ	172.5170, 23.1090, -5.8110

Conversions

Conversions Part 2

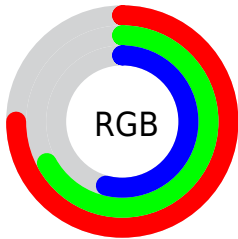
Format	Color
RYB	171, 191, 137
Decimal	12561033
CIELab	70.62, 2.52, 19.81
CIElCh	71, 19.974, 82.759
Yxy	41.6320, 0.3618, 0.3731
Android (android.graphics.Color)	4290751113 (0xFFBFAA89)
YUV	172.5170, -17.5099, 16.2096
Hunter-Lab	64.5229, -1.2167, 17.9899

Details

The XYZ color **40.3759, 41.6320, 29.5746** is a light color, and the websafe version is hex **999966**. A complement of this color would be **31.9469, 33.5325, 54.0788**, and the grayscale version is **39.5536, 41.6134, 45.3170**.

A 20% lighter version of the original color is **75.0406, 77.5685, 60.3074**, and **18.5153, 18.9634, 11.7013** is the 20% darker color. If you saturate the color by 10%, you get **37.7726, 38.4271, 22.5352**, and if you desaturate by 10%, it is **43.3026, 45.0950, 37.9194**.

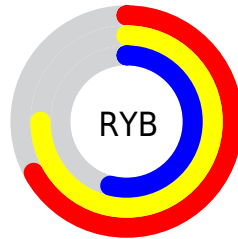
Distribution



Red (75%)

Green (67%)

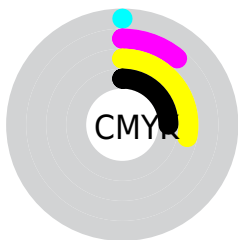
Blue (54%)



Red (67%)

Yellow (75%)

Blue (54%)

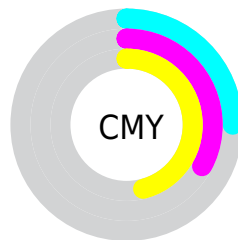


Cyan (0%)

Magenta (11%)

Yellow (28%)

Black (25%)



Cyan (25%)


Magenta (33%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3759, 41.6320, 29.5746 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 40.3759, 41.6320, 29.5746 by changing the saturation by 10% instead.


 40.3759, 41.6320,
29.5746


 40.3759, 41.6320,
29.5746


338.8127,
352.9552, 314.0619


 28.0173, 28.8132,
19.2666


 75.0163, 77.6424,
60.0418

 18.4792, 18.9396,
11.6843


 98.0288, 101.6028,
81.0381

 11.3963, 11.6266,
6.4092


 125.3232,
130.0459, 106.4343

 6.4033, 6.4900,
3.0227

157.2650,
163.3560, 136.6488

 3.1348, 3.1452,
1.1062

194.2195,
201.9176, 172.1003

 1.2255, 1.2080,
0.0000

236.5520,

 0.1263, 0.0682,

246.1151, 213.2073

0.0000

284.6280,
296.3328, 260.3883

■ 0.0000, 0.0000,
0.0000

■ 40.3759, 41.6320,
29.5746

■ 40.3759, 41.6320,
29.5746

■ 37.7726, 38.4271,
22.5352

■ 43.3026, 45.0950,
37.9194

■ 35.4753, 35.4670,
16.7307

■ 46.5626, 48.8177,
47.6298

■ 33.4699, 32.7453,
12.0881

■ 50.1693, 52.8089,
58.7655

■ 31.7395, 30.2531,
8.5254

■ 54.1342, 57.0751,
71.3816

■ 30.2652, 27.9806,
5.9496

■ 58.4684, 61.6226,
85.5306

■ 29.0250, 25.9168,
4.2522

■ 63.1825, 66.4575,
101.2621

■ 27.9850, 24.0456,
3.2611

■ 65.6540, 70.5326,
104.7616

■ 27.8167, 23.7381,
3.1158

■ 67.6699, 74.5646,
105.4336

■ 69.7739, 78.7724,
106.1349

Harmonies

Analogous

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



43.5392, 41.6320, 32.3372



40.3759, 41.6320, 29.5746



37.1635, 41.6320, 30.5411

Triad

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



40.3759, 41.6320, 29.5746



33.9976, 41.6320, 52.7370



44.8444, 41.6320, 57.2526

Complementary

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



40.3759, 41.6320, 29.5746



31.9469, 33.5325, 54.0788

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.



42.0781, 41.6320, 64.2566



40.3759, 41.6320, 29.5746



35.8496, 41.6320, 61.4068

Square

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



40.3759, 41.6320, 29.5746



33.5981, 41.6320, 43.0760



38.7748, 41.6320, 65.8740



46.2106, 41.6320, 47.6617

Rectangle

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



40.3759, 41.6320, 29.5746



35.4129, 41.6320, 33.2441



38.7748, 41.6320, 65.8740



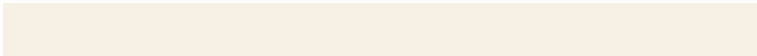
44.0403, 41.6320, 60.0392

Sweetspot

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



40.3770, 41.6339, 29.5755



83.4832, 87.5330, 85.5759



36.6551, 31.4574, 36.7595



18.1277, 18.9913, 18.1726



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



40.3770, 41.6339, 29.5755



69.3266, 70.9150, 44.8024



43.2989, 49.4569, 30.9314



10.0023, 10.4806, 10.0724



18.3608, 15.7604, 2.0743



0.7810, 0.7409, 0.1018

Inverse Universe

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



31.9469, 33.5325, 54.0788



51.7267, 54.0069, 95.9772



29.5741, 27.4396, 53.0278



9.3125, 9.8174, 12.0763



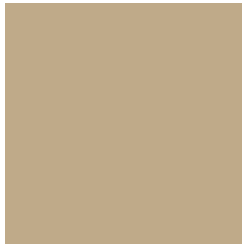
7.8741, 5.8599, 33.1090



0.3723, 0.3573, 1.3182

Previews

White Background



This preview shows how the XYZ color 40.3759, 41.6320, 29.5746 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 40.3759, 41.6320, 29.5746 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 40.3759, 41.6320, 29.5746

Background



This preview shows how black text looks on a background with the XYZ color 40.3759, 41.6320, 29.5746.



This preview shows how white text looks on a background with the XYZ color 40.3759, 41.6320,

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

40.3759, 41.6320, 29.5746

Protanopia

39.2982, 41.9125, 30.0634

Deuteranopia

42.3111, 41.5249, 29.8298



Tritanopia

43.9762, 41.4610, 47.2799

Trichromacy



Original Color

40.3759, 41.6320, 29.5746

Protanomaly

39.8335, 41.9048, 30.0337

Deuteranomaly

41.4321, 41.3427, 29.8410

Tritanomaly

42.4059, 41.3504, 39.9288

Monochromacy



Original Color

40.3759, 41.6320, 29.5746

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.9201, 41.7464, 39.2116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3759, 41.6320, 29.5746 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(191, 170, 137)` looks like.

```
.text, #text, p{  
    color:rgb(191, 170, 137)  
}
```

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(191, 170, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 170, 137) }
```

Border

The CSS property to change the border of an element to XYZ 40.3759, 41.6320, 29.5746 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(191, 170, 137) }
```


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

```
.border{ border-color:rgb(191, 170, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 170, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 170, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 170, 137);  
box-shadow:4px 4px 4px 4px rgb(191, 170,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3759, 41.6320, 29.5746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 170, 137) }
```

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

```
.background{ background-color: rgb(191,  
170, 137) }
```

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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