

Converting Colors

XYZ(39.7247, 40.4408, 30.5597)

Have a look what the booklet for
XYZ(39.7247, 40.4408, 30.5597)
contains.

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Color

**XYZ(39.7875, 40.4780,
30.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA78C
RGB	190, 167, 140
RGB Percent	75%, 65%, 55%
CMY	0.2549, 0.3451, 0.4510
CMYK	0.00, 0.12, 0.26, 0.25
HSL	32°, 28%, 65%
HSV	32°, 26%, 75%
XYZ	39.7875, 40.4780, 30.5270
YIQ	170.7990, 22.3750, -3.5210

Conversions

Conversions Part 2

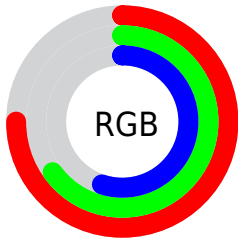
Format	Color
R _Y B	183, 190, 140
Decimal	12494732
CIE Lab	69.81, 4.16, 17.05
CIE LCh	70, 17.548, 76.270
Yxy	40.4780, 0.3591, 0.3653
Android (android.graphics.Color)	4290684812 (0xFFBEA78C)
YUV	170.7990, -15.1839, 16.8393
Hunter-Lab	63.6223, 0.2895, 16.0873

Details

The XYZ color **39.7875, 40.4780, 30.5270** is a light color, and the websafe version is hex **999966**. A complement of this color would be **33.2064, 35.4866, 53.8147**, and the grayscale version is **38.6746, 40.6886, 44.3099**.

A 20% lighter version of the original color is **74.2167, 75.9118, 61.7797**, and **18.1295, 18.2339, 12.2368** is the 20% darker color. If you saturate the color by 10%, you get **36.9589, 36.8723, 23.2588**, and if you desaturate by 10%, it is **42.9684, 44.4005, 39.1071**.

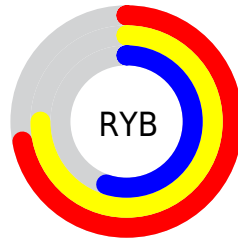
Distribution



Red (75%)

Green (65%)

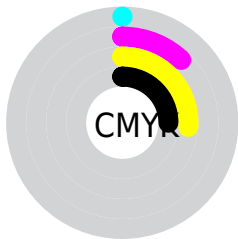
Blue (55%)



Red (72%)

Yellow (75%)

Blue (55%)

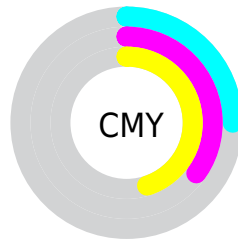


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7875, 40.4780, 30.5270 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 39.7875, 40.4780, 30.5270 by changing the saturation by 10% instead.


 39.7875, 40.4780,
30.5270


 39.7875, 40.4780,
30.5270


336.3769,
348.1342, 318.6367


 27.5564, 27.9114,
19.9835


 74.1262, 75.8908,
61.5654

 18.1303, 18.2589,
12.1991


 96.9645, 99.5059,
82.8974

 11.1438, 11.1360,
6.7552


 124.0693,
127.5726, 108.6627

 6.2316, 6.1584,
3.2334


155.8058,
160.4753, 139.2798

 3.0284, 2.9416,
1.2150

192.5395,
198.5984, 175.1671

 1.1688, 1.1013,
0.0000

234.6356,

 0.0815, 0.0000,

242.3263, 216.7434

0.0000

282.4597,
292.0435, 264.4271

■ 0.0000, 0.0000,
0.0000

■ 39.7875, 40.4780,
30.5270

■ 39.7875, 40.4780,
30.5270

■ 36.9589, 36.8723,
23.2588

■ 42.9684, 44.4005,
39.1071

■ 34.4647, 33.5688,
17.2337

■ 46.5120, 48.6430,
49.0579

■ 32.2905, 30.5594,
12.3806

■ 50.4321, 53.2158,
60.4379

■ 30.4189, 27.8337,
8.6199

■ 54.7409, 58.1268,
73.3012

■ 28.8307, 25.3802,
5.8621

■ 59.4500, 63.3836,
87.6994

■ 27.5040, 23.1863,
4.0031

■ 64.5702, 68.9937,
103.6812

■ 26.4107, 21.2367,
2.9082

■ 67.0766, 73.7498,
105.3076

■ 26.0473, 20.5713,
2.5978

■ 69.5441, 78.6849,
106.1301

■ 72.1350, 83.8666,
106.9937

Harmonies

Analogous

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



42.3839, 40.4780, 33.6848



39.7875, 40.4780, 30.5270



36.9592, 40.4780, 30.6681

Triad

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



39.7875, 40.4780, 30.5270



33.4523, 40.4780, 48.6151



42.5673, 40.4780, 55.8276

Complementary

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



39.7875, 40.4780, 30.5270



33.2064, 35.4866, 53.8147

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.



40.0278, 40.4780, 60.9075



39.7875, 40.4780, 30.5270



34.8106, 40.4780, 56.4051

Square

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



39.7875, 40.4780, 30.5270



33.3950, 40.4780, 40.4553



37.1880, 40.4780, 61.1310



44.0415, 40.4780, 47.9016

Rectangle

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



39.7875, 40.4780, 30.5270



35.3237, 40.4780, 32.6003



37.1880, 40.4780, 61.1310



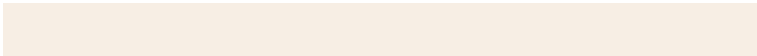
41.8044, 40.4780, 57.9653

Sweetspot

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



39.7886, 40.4798, 30.5278



83.0713, 86.7092, 85.4386



37.2544, 32.3601, 39.0901



18.0212, 18.7783, 18.1372



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.



39.7886, 40.4798, 30.5278



68.8486, 69.2343, 46.8774



43.9685, 49.4542, 32.0398



9.9455, 10.3669, 10.0535



17.3993, 13.8373, 1.7538



0.7463, 0.6715, 0.0903

Inverse Universe

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



33.2064, 35.4866, 53.8147



54.7693, 58.5559, 96.6949



29.7711, 28.1958, 52.5885



9.3683, 9.9289, 12.0949



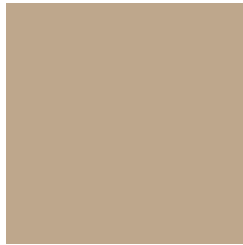
8.5439, 7.1996, 33.3322



0.4001, 0.4129, 1.3275

Previews

White Background



This preview shows how the XYZ color 39.7875, 40.4780, 30.5270 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 39.7875, 40.4780, 30.5270 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 39.7875, 40.4780, 30.5270

Background



This preview shows how black text looks on a background with the XYZ color 39.7875, 40.4780, 30.5270.



This preview shows how white text looks on a background with the XYZ color 39.7875, 40.4780,

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

39.7875, 40.4780, 30.5270

Protanopia

38.0796, 40.4057, 31.3833

Deuteranopia

41.3719, 40.4798, 30.8321



Tritanopia

42.9063, 40.4051, 46.0950

Trichromacy



Original Color

39.7875, 40.4780, 30.5270

Protanomaly

38.7629, 40.4894, 30.9715

Deuteranomaly

40.7685, 40.4355, 30.8554

Tritanomaly

41.7894, 40.4970, 39.7966

Monochromacy



Original Color

39.7875, 40.4780, 30.5270

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.0800, 40.7525, 39.0640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7875, 40.4780, 30.5270 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(190, 167, 140)` looks like.

```
.text, #text, p{  
    color:rgb(190, 167, 140)  
}
```

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(190, 167, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 167, 140) }
```

Border

The CSS property to change the border of an element to XYZ 39.7875, 40.4780, 30.5270 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(190, 167, 140) }
```


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

```
.border{ border-color:rgb(190, 167, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 167, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 167, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 167, 140);  
box-shadow:4px 4px 4px 4px rgb(190, 167,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7875, 40.4780, 30.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 167, 140) }
```

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

```
.background{ background-color: rgb(190,  
167, 140) }
```

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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