

Converting Colors

XYZ(40.4650, 39.8153, 32.6645)

Have a look what the booklet for
XYZ(40.4650, 39.8153, 32.6645)
contains.

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Color

**XYZ(40.5336, 39.7390,
32.7282)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A392
RGB	194, 163, 146
RGB Percent	76%, 64%, 57%
CMY	0.2392, 0.3608, 0.4274
CMYK	0.00, 0.16, 0.25, 0.24
HSL	21°, 28%, 67%
HSV	21°, 25%, 76%
XYZ	40.5336, 39.7390, 32.7282
YIQ	170.3310, 23.9330, 1.2850

Conversions

Conversions Part 2

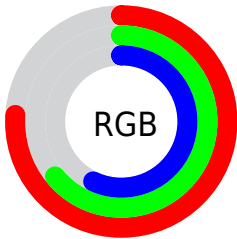
Format	Color
RYB	194, 172, 146
Decimal	12755858
CIELab	69.28, 8.75, 13.07
CIELCh	69, 15.728, 56.184
Yxy	39.7390, 0.3587, 0.3517
Android (android.graphics.Color)	4290945938 (0xFFC2A392)
YUV	170.3310, -11.9952, 20.7577
Hunter-Lab	63.0389, 4.4563, 13.3453

Details

The XYZ color **40.5336, 39.7390, 32.7282** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3135, 41.4492, 57.0730**, and the grayscale version is **38.4241, 40.4252, 44.0230**.

A 20% lighter version of the original color is **75.2804, 74.8222, 65.1180**, and **18.5652, 17.7706, 13.2780** is the 20% darker color. If you saturate the color by 10%, you get **37.0357, 34.9566, 24.7380**, and if you desaturate by 10%, it is **44.5101, 45.0682, 42.1423**.

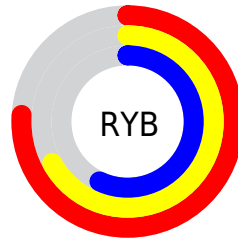
Distribution



Red (76%)

Green (64%)

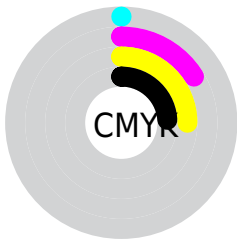
Blue (57%)



Red (76%)

Yellow (67%)

Blue (57%)

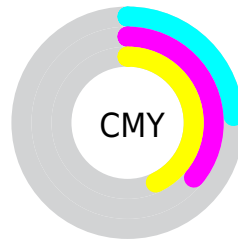


Cyan (0%)

Magenta (16%)

Yellow (25%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5336, 39.7390, 32.7282 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 40.5336, 39.7390, 32.7282 by changing the saturation by 10% instead.


 40.5336, 39.7390,
32.7282


 40.5336, 39.7390,
32.7282


339.4635,
345.0223, 329.0176

 28.1409, 27.3351,
21.6489


 75.2546, 74.7659,
65.0621

 18.5729, 17.8251,
13.4033


 98.3135, 98.1577,
87.1537

 11.4642, 10.8245,
7.5729


125.6586,
125.9809, 113.7532

 6.4496, 5.9489,
3.7390

157.6552,
158.6200, 145.2791

 3.1636, 2.8140,
1.4833

194.6686,
196.4592, 182.1500

 1.2408, 1.0354,
0.2054

237.0642,

 0.1383, 0.0000,

239.8831, 224.7843

0.0000

285.2074,
289.2760, 273.6007

■ 0.0000, 0.0000,
0.0000

■ 40.5336, 39.7390,
32.7282

■ 40.5336, 39.7390,
32.7282

■ 37.0357, 34.9566,
24.7380

■ 44.5101, 45.0682,
42.1423

■ 33.9939, 30.6976,
18.0991

■ 48.9803, 50.9559,
53.0430

■ 31.3886, 26.9449,
12.7360

■ 53.9621, 57.4200,
65.4926

■ 29.1972, 23.6783,
8.5648

■ 59.4720, 64.4761,
79.5486

■ 27.3950, 20.8759,
5.4915

■ 65.5255, 72.1393,
95.2659

■ 25.9540, 18.5141,
3.4074

■ 70.9225, 79.9379,
106.2993

■ 24.8413, 16.5662,
2.1813

■ 74.7012, 87.4954,
107.5589

■ 24.3594, 15.6917,
1.7449

■ 76.0582, 90.2094,
108.0112

Harmonies

Analogous

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



42.2905, 39.7390, 37.4271



40.5336, 39.7390, 32.7282



38.0943, 39.7390, 30.8412

Triad

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



40.5336, 39.7390, 32.7282



33.1370, 39.7390, 42.3514



39.9506, 39.7390, 56.9630

Complementary

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



40.5336, 39.7390, 32.7282



37.3135, 41.4492, 57.0730

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.



37.4490, 39.7390, 58.6539



40.5336, 39.7390, 32.7282



33.5850, 39.7390, 49.6892

Square

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



40.5336, 39.7390, 32.7282



33.8843, 39.7390, 35.9927



35.1363, 39.7390, 55.8601



41.9435, 39.7390, 51.4653

Rectangle

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



40.5336, 39.7390, 32.7282



36.4355, 39.7390, 31.2576



35.1363, 39.7390, 55.8601



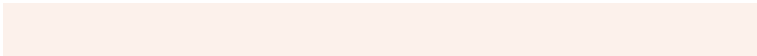
39.1381, 39.7390, 58.0200

Sweetspot

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



40.5347, 39.7408, 32.7290



86.7382, 89.6983, 91.1715



40.4831, 35.2099, 46.3624



18.8825, 19.4956, 19.6901



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.



40.5347, 39.7408, 32.7290



69.7001, 66.9117, 50.6879



45.1646, 49.0008, 34.2723



10.3586, 10.6487, 10.5713



16.0862, 10.4581, 1.1708



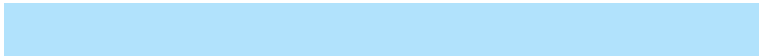
0.7604, 0.5826, 0.0724

Inverse Universe

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



37.3135, 41.4492, 57.0730



62.8022, 70.5574, 102.7787



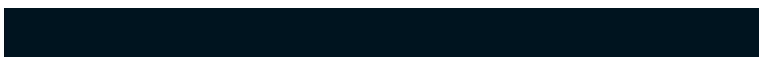
33.0161, 32.8546, 55.6405



10.0586, 10.8086, 12.8409



11.3264, 12.4093, 35.3549



0.5523, 0.6620, 1.5486

Previews

White Background



This preview shows how the XYZ color 40.5336, 39.7390, 32.7282 looks on a white background.

Color Contrast Check

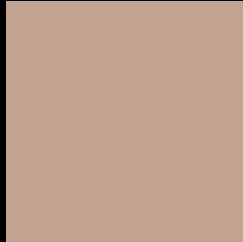
Large Text (above 18pt) WCAG AA × Fail

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 40.5336, 39.7390, 32.7282 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 40.5336, 39.7390, 32.7282

Background



This preview shows how black text looks on a background with the XYZ color 40.5336, 39.7390, 32.7282.



This preview shows how white text looks on a background with the XYZ color 40.5336, 39.7390,

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

40.5336, 39.7390, 32.7282

Protanopia

37.7442, 39.8930, 34.1445

Deuteranopia

40.5336, 39.7390, 32.7282



Tritanopia

42.8705, 39.6451, 44.4225

Trichromacy



Original Color

40.5336, 39.7390, 32.7282

Protanomaly

38.6925, 39.8428, 33.6681

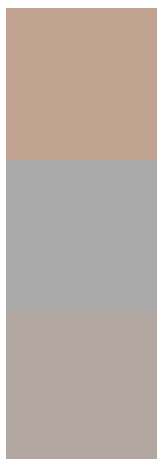
Deuteranomaly

40.5336, 39.7390, 32.7282

Tritanomaly

41.9466, 39.5217, 40.0680

Monochromacy



Original Color

40.5336, 39.7390, 32.7282

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.8421, 39.7943, 39.3521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5336, 39.7390, 32.7282 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(194, 163, 146)` looks like.

```
.text, #text, p{  
    color:rgb(194, 163, 146)  
}
```

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(194, 163, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 163, 146) }
```

Border

The CSS property to change the border of an element to XYZ 40.5336, 39.7390, 32.7282 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(194, 163, 146) }
```


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

```
.border{ border-color:rgb(194, 163, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 163, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 163, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 163, 146);  
box-shadow:4px 4px 4px 4px rgb(194, 163,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5336, 39.7390, 32.7282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 163, 146) }
```

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

```
.background{ background-color: rgb(194,  
163, 146) }
```

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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