

Converting Colors

XYZ(40.2109, 39.9641, 32.4779)

Have a look what the booklet for
XYZ(40.2109, 39.9641, 32.4779)
contains.

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Color

**XYZ(40.1245, 39.8017,
32.3558)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A491
RGB	192, 164, 145
RGB Percent	75%, 64%, 57%
CMY	0.2471, 0.3568, 0.4314
CMYK	0.00, 0.15, 0.24, 0.25
HSL	24°, 27%, 66%
HSV	24°, 24%, 75%
XYZ	40.1245, 39.8017, 32.3558
YIQ	170.2060, 22.7870, 0.0270

Conversions

Conversions Part 2

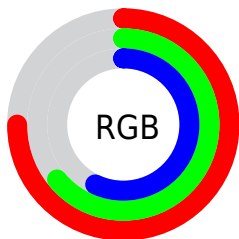
Format	Color
R _Y B	192, 177, 145
Decimal	12625041
CIE Lab	69.33, 7.29, 13.65
CIE LCh	69, 15.478, 61.905
Yxy	39.8017, 0.3574, 0.3545
Android (android.graphics.Color)	4290815121 (0xFFC0A491)
YUV	170.2060, -12.4266, 19.1133
Hunter-Lab	63.0886, 3.1214, 13.7544

Details

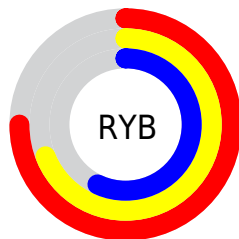
The XYZ color **40.1245, 39.8017, 32.3558** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.1347, 39.7116, 55.6299**, and the grayscale version is **38.3642, 40.3621, 43.9543**.

A 20% lighter version of the original color is **74.7072, 74.9263, 64.5576**, and **18.3410, 17.8178, 13.2990** is the 20% darker color. If you saturate the color by 10%, you get **36.8120, 35.3491, 24.5544**, and if you desaturate by 10%, it is **43.8734, 44.7262, 41.5381**.

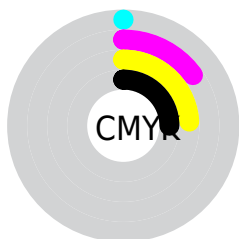
Distribution



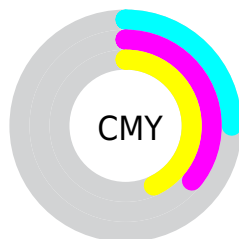
- Red (75%)
- Green (64%)
- Blue (57%)



- Red (75%)
- Yellow (69%)
- Blue (57%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (25%)





- Cyan (25%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1245, 39.8017, 32.3558 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 40.1245, 39.8017, 32.3558 by changing the saturation by 10% instead.


 40.1245, 39.8017,
32.3558


 40.1245, 39.8017,
32.3558


337.7735,
345.2871, 327.2794

 27.8203, 27.3840,
21.3663


 74.6362, 74.8615,
64.4728

 18.3300, 17.8618,
13.1982


 97.5744, 98.2723,
86.4375

 11.2883, 10.8508,
7.4328

124.7879,
126.1162, 112.8976

 6.3298, 5.9666,
3.6517

156.6422,
158.7777, 144.2718

 3.0892, 2.8248,
1.4363

193.5025,
196.6412, 180.9785

 1.2011, 1.0410,
0.1698

235.7343,

 0.1072, 0.0000,

240.0909, 223.4363

0.0000

283.7028,
289.5114, 272.0638

■ 0.0000, 0.0000,
0.0000

■ 40.1245, 39.8017,
32.3558

■ 40.1245, 39.8017,
32.3558

■ 36.8120, 35.3491,
24.5544

■ 43.8734, 44.7262,
41.5381

■ 33.9155, 31.3482,
18.0635

■ 48.0719, 50.1312,
52.1618

■ 31.4171, 27.7853,
12.8103

■ 52.7365, 56.0317,
64.2869

■ 29.2967, 24.6440,
8.7138

■ 57.8819, 62.4405,
77.9694

■ 27.5318, 21.9064,
5.6831

■ 63.5220, 69.3700,
93.2621

■ 26.0970, 19.5531,
3.6137

■ 68.8212, 76.4924,
105.7450

■ 24.9627, 17.5623,
2.3788

■ 72.1576, 83.1652,
106.8571

■ 24.4367, 16.6033,
1.9168

■ 75.5483, 89.9465,
107.9873

Harmonies

Analogous

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



42.0315, 39.8017, 36.5026



40.1245, 39.8017, 32.3558



37.6718, 39.8017, 31.0534

Triad

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



40.1245, 39.8017, 32.3558



33.2547, 39.8017, 43.7935



40.4111, 39.8017, 56.0175

Complementary

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



40.1245, 39.8017, 32.3558



36.1347, 39.7116, 55.6299

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.



37.9893, 39.8017, 58.4963



40.1245, 39.8017, 32.3558



33.9188, 39.8017, 50.9759

Square

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



40.1245, 39.8017, 32.3558



33.7714, 39.8017, 37.2094



35.6253, 39.8017, 56.5587



42.2021, 39.8017, 50.1036

Rectangle

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



40.1245, 39.8017, 32.3558



36.0763, 39.8017, 31.8447



35.6253, 39.8017, 56.5587



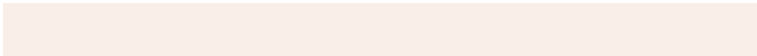
39.6403, 39.8017, 57.3076

Sweetspot

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



40.1256, 39.8035, 32.3566



85.0191, 88.1694, 89.1848



39.4262, 34.4826, 44.2149



18.1383, 18.7856, 18.8758



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.



40.1256, 39.8035, 32.3566



69.6150, 67.9927, 51.2743



44.6834, 48.9191, 33.8759



10.4000, 10.7315, 10.5851



16.5153, 11.3164, 1.3138



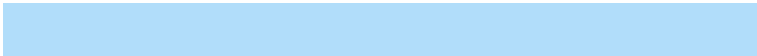
0.7812, 0.6241, 0.0793

Inverse Universe

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



36.1347, 39.7116, 55.6299



61.2192, 67.7939, 100.2192



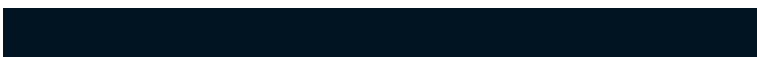
32.0505, 31.5431, 54.2685



10.0159, 10.7231, 12.8267



10.5571, 10.8707, 35.0985



0.5223, 0.6021, 1.5386

Previews

White Background



This preview shows how the XYZ color 40.1245, 39.8017, 32.3558 looks on a white background.

Color Contrast Check

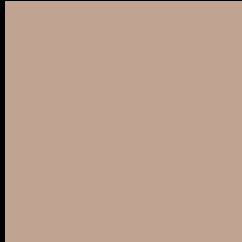
Large Text (above 18pt) WCAG AA × Fail

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 40.1245, 39.8017, 32.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

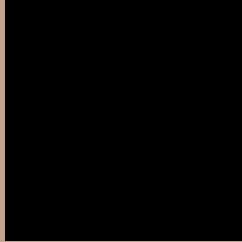
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1245, 39.8017, 32.3558

Background



This preview shows how black text looks on a background with the XYZ color 40.1245, 39.8017, 32.3558.



This preview shows how white text looks on a background with the XYZ color 40.1245, 39.8017,

32.3558.

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

40.1245, 39.8017, 32.3558

Protanopia

37.8145, 39.9475, 33.3214

Deuteranopia

40.4562, 39.7081, 32.3202



Tritanopia

42.5229, 39.7223, 44.4557

Trichromacy



Original Color

40.1245, 39.8017, 32.3558

Protanomaly

38.5355, 39.7800, 32.8414

Deuteranomaly

40.2003, 39.5762, 32.3082

Tritanomaly

41.5146, 39.5677, 39.6317

Monochromacy



Original Color

40.1245, 39.8017, 32.3558

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.7958, 40.0435, 39.4026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1245, 39.8017, 32.3558 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(192, 164, 145)` looks like.

```
.text, #text, p{  
    color:rgb(192, 164, 145)  
}
```

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(192, 164, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 164, 145) }
```

Border

The CSS property to change the border of an element to XYZ 40.1245, 39.8017, 32.3558 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(192, 164, 145) }
```


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

```
.border{ border-color:rgb(192, 164, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 164, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 164, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 164, 145);  
box-shadow:4px 4px 4px 4px rgb(192, 164,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1245, 39.8017, 32.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 164, 145) }
```

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

```
.background{ background-color: rgb(192,  
164, 145) }
```

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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