

Converting Colors

XYZ(40.0518, 40.0310, 32.4039)

Have a look what the booklet for
XYZ(40.0518, 40.0310, 32.4039)
contains.

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Color

**XYZ(40.0518, 40.0310,
32.4039)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA591
RGB	191, 165, 145
RGB Percent	75%, 65%, 57%
CMY	0.2510, 0.3529, 0.4314
CMYK	0.00, 0.14, 0.24, 0.25
HSL	26°, 26%, 66%
HSV	26°, 24%, 75%
XYZ	40.0518, 40.0310, 32.4039
YIQ	170.4940, 21.9160, -0.7080

Conversions

Conversions Part 2

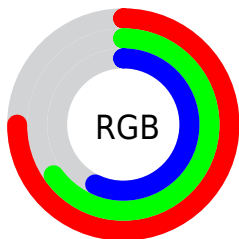
Format	Color
R_{YB}	191, 180, 145
Decimal	12559761
CIE _{Lab}	69.49, 6.36, 13.87
CIE _{LCh}	69, 15.258, 65.375
Yxy	40.0310, 0.3561, 0.3559
Android (android.graphics.Color)	4290749841 (0xFFBFA591)
YUV	170.4940, -12.5685, 17.9838
Hunter-Lab	63.2701, 2.2731, 13.9235

Details

The XYZ color **40.0518, 40.0310, 32.4039** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.6435, 38.9060, 54.9213**, and the grayscale version is **38.5092, 40.5147, 44.1205**.

A 20% lighter version of the original color is **74.6134, 75.2664, 64.6281**, and **18.2872, 17.9548, 13.3283** is the 20% darker color. If you saturate the color by 10%, you get **36.8359, 35.7611, 24.6665**, and if you desaturate by 10%, it is **43.6818, 44.7323, 41.5019**.

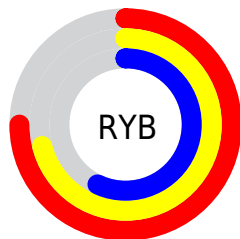
Distribution



Red (75%)

Green (65%)

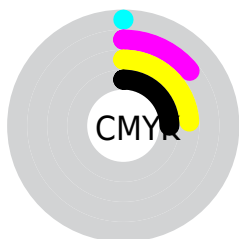
Blue (57%)



Red (75%)

Yellow (71%)

Blue (57%)

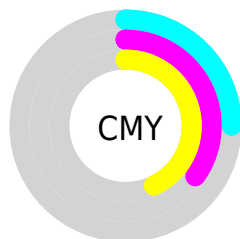


Cyan (0%)

Magenta (14%)

Yellow (24%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0518, 40.0310, 32.4039 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 40.0518, 40.0310, 32.4039 by changing the saturation by 10% instead.


 40.0518, 40.0310,
32.4039


 40.0518, 40.0310,
32.4039


337.4725,
346.2542, 327.5043

 27.7633, 27.5627,
21.4028


 74.5262, 75.2107,
64.5490

 18.2869, 17.9963,
13.2247


 97.4429, 98.6909,
86.5301

 11.2571, 10.9473,
7.4509


124.6330,
126.6106, 113.0083

 6.3086, 6.0314,
3.6630

156.4619,
159.3541, 144.4021

 3.0760, 2.8642,
1.4423

193.2949,
197.3058, 181.1300

 1.1941, 1.0612,
0.1744

235.4975,

 0.1017, 0.0000,

240.8501, 223.6107

0.0000

283.4349,
290.3715, 272.2626

■ 0.0000, 0.0000,
0.0000

■ 40.0518, 40.0310,
32.4039

■ 40.0518, 40.0310,
32.4039

■ 36.8359, 35.7611,
24.6665

■ 43.6818, 44.7323,
41.5019

■ 34.0145, 31.9041,
18.2206

■ 47.7382, 49.8718,
52.0199

■ 31.5710, 28.4481,
12.9949

■ 52.2365, 55.4633,
64.0168

■ 29.4863, 25.3783,
8.9100

■ 57.1906, 61.5182,
77.5473

■ 27.7392, 22.6790,
5.8770

■ 62.6136, 68.0473,
92.6636

■ 26.3057, 20.3329,
3.7935

■ 67.7684, 74.7613,
105.4663

■ 25.1578, 18.3207,
2.5361

■ 70.8619, 80.9483,
106.4975

■ 24.5838, 17.2722,
2.0382

■ 74.1446, 87.5137,
107.5917

■ 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



42.0336, 40.0310, 36.2111



40.0518, 40.0310, 32.4039



37.6073, 40.0310, 31.4519

Triad

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



40.0518, 40.0310, 32.4039



33.5341, 40.0310, 44.8671



40.8505, 40.0310, 55.5815

Complementary

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



40.0518, 40.0310, 32.4039



35.6435, 38.9060, 54.9213

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.



38.4927, 40.0310, 58.4997



40.0518, 40.0310, 32.4039



34.3232, 40.0310, 51.9020

Square

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



40.0518, 40.0310, 32.4039



33.9115, 40.0310, 38.1866



36.1127, 40.0310, 57.0857



42.5084, 40.0310, 49.4738

Rectangle

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



40.0518, 40.0310, 32.4039



36.0586, 40.0310, 32.4653



36.1127, 40.0310, 57.0857



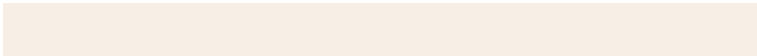
40.1098, 40.0310, 56.9963

Sweetspot

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



40.0529, 40.0328, 32.4047



83.2173, 86.4491, 87.1894



38.9686, 34.2705, 43.1227



18.1747, 18.8584, 18.8879



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.



40.0529, 40.0328, 32.4047



68.5475, 67.4922, 50.2911



44.5659, 49.0588, 33.9091



9.8623, 10.2005, 10.0257



16.2332, 11.5052, 1.3651



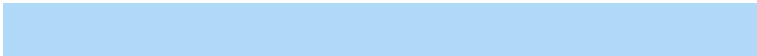
0.7010, 0.5809, 0.0752

Inverse Universe

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



35.6435, 38.9060, 54.9213



59.2568, 65.1144, 97.7243



31.6819, 30.9826, 53.6007



9.4518, 10.0958, 12.1227



9.7815, 9.6747, 33.7448



0.4471, 0.5069, 1.3431

Previews

White Background



This preview shows how the XYZ color 40.0518, 40.0310, 32.4039 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 40.0518, 40.0310, 32.4039 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 40.0518, 40.0310, 32.4039

Background



This preview shows how black text looks on a background with the XYZ color 40.0518, 40.0310, 32.4039.



This preview shows how white text looks on a background with the XYZ color 40.0518, 40.0310,

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

40.0518, 40.0310, 32.4039

Protanopia

37.8145, 39.9475, 33.3214

Deuteranopia

40.7137, 39.8408, 32.3323



Tritanopia

42.5358, 39.9762, 45.0095

Trichromacy



Original Color

40.0518, 40.0310, 32.4039

Protanomaly

38.7194, 40.1479, 32.9027

Deuteranomaly

40.6344, 40.0646, 32.3796

Tritanomaly

41.5235, 39.8225, 40.1483

Monochromacy



Original Color

40.0518, 40.0310, 32.4039

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 40.0518, 40.0310, 32.4039 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, 165, 145)` looks like.

```
.text, #text, p{  
    color:rgb(191, 165, 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(191, 165, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 165, 145) }
```

Border

The CSS property to change the border of an element to XYZ 40.0518, 40.0310, 32.4039 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, 165, 145) }
```


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

```
.border{ border-color:rgb(191, 165, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 165, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 165, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 165, 145);  
box-shadow:4px 4px 4px 4px rgb(191, 165,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0518, 40.0310, 32.4039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 165, 145) }
```

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

```
.background{ background-color: rgb(191,  
165, 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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