

Converting Colors

XYZ(39.4164, 39.0631, 32.2627)

Have a look what the booklet for
XYZ(39.4164, 39.0631, 32.2627)
contains.

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Color

**XYZ(39.4432, 39.1859,
32.2728)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA391
RGB	190, 163, 145
RGB Percent	75%, 64%, 57%
CMY	0.2549, 0.3608, 0.4314
CMYK	0.00, 0.14, 0.24, 0.25
HSL	24°, 26%, 66%
HSV	24°, 24%, 75%
XYZ	39.4432, 39.1859, 32.2728
YIQ	169.0210, 21.8700, 0.1260

Conversions

Conversions Part 2

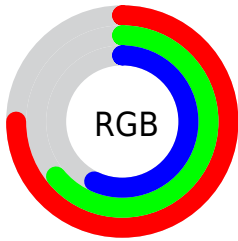
Format	Color
R _Y B	190, 175, 145
Decimal	12493713
CIE Lab	68.89, 7.06, 13.01
CIE LCh	69, 14.799, 61.502
Yxy	39.1859, 0.3557, 0.3533
Android (android.graphics.Color)	4290683793 (0xFFBEA391)
YUV	169.0210, -11.8424, 18.3986
Hunter-Lab	62.5986, 2.9246, 13.2520

Details

The XYZ color **39.4432, 39.1859, 32.2728** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.7234, 39.2413, 54.4068**, and the grayscale version is **37.7725, 39.7396, 43.2764**.

A 20% lighter version of the original color is **73.7380, 74.0405, 64.4377**, and **17.9033, 17.4293, 13.2471** is the 20% darker color. If you saturate the color by 10%, you get **36.1657, 34.7826, 24.5467**, and if you desaturate by 10%, it is **43.1503, 44.0557, 41.3519**.

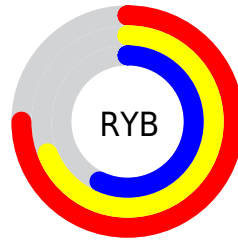
Distribution



Red (75%)

Green (64%)

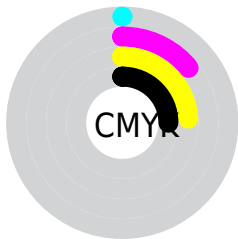
Blue (57%)



Red (75%)

Yellow (69%)

Blue (57%)

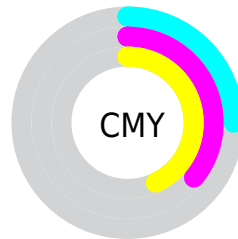


Cyan (0%)

Magenta (14%)

Yellow (24%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4432, 39.1859, 32.2728 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 39.4432, 39.1859, 32.2728 by changing the saturation by 10% instead.


 39.4432, 39.1859,
32.2728


 39.4432, 39.1859,
32.2728


334.9459,
342.6802, 326.8910

 27.2870, 26.9044,
21.3034


 73.6046, 73.9222,
64.3414

 17.9266, 17.5014,
13.1526


 96.3405, 97.1458,
86.2776

 10.9966, 10.5926,
7.4017


123.3337,
124.7856, 112.7066

 6.1319, 5.7936,
3.6324

154.9495,
157.2258, 144.0468

 2.9668, 2.7200,
1.4259

191.5532,
194.8510, 180.7169

 1.1363, 0.9874,
0.1618

233.5103,

 0.0551, 0.0000,

238.0456, 223.1352

0.0000

281.1861,
287.1938, 271.7204

■ 0.0000, 0.0000,
0.0000

■ 39.4432, 39.1859,
32.2728

■ 39.4432, 39.1859,
32.2728

■ 36.1657, 34.7826,
24.5467

■ 43.1503, 44.0557,
41.3519

■ 33.2977, 30.8259,
18.1053

■ 47.2997, 49.4003,
51.8427

■ 30.8220, 27.3023,
12.8782

■ 51.9077, 55.2348,
63.8035

■ 28.7188, 24.1956,
8.7870

■ 56.9885, 61.5716,
77.2884

■ 26.9664, 21.4883,
5.7441

■ 62.5558, 68.4230,
92.3490

■ 25.5402, 19.1614,
3.6488

■ 67.9717, 75.5401,
105.6059

■ 24.4115, 17.1935,
2.3799

■ 71.2739, 82.1444,
106.7067

■ 23.8209, 16.1185,
1.8557

■ 74.7877, 89.1721,
107.8779

■ 75.0452, 89.6872,
107.9638

Harmonies

Analogous

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



41.2327, 39.1859, 36.2546



39.4432, 39.1859, 32.2728



37.1267, 39.1859, 30.9919

Triad

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



39.4432, 39.1859, 32.2728



32.9074, 39.1859, 43.0070



39.6568, 39.1859, 54.6811

Complementary

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



39.4432, 39.1859, 32.2728



35.7234, 39.2413, 54.4068

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.



37.3636, 39.1859, 56.9574



39.4432, 39.1859, 32.2728



33.5231, 39.1859, 49.7936

Square

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



39.4432, 39.1859, 32.2728



33.4128, 39.1859, 36.7845



35.1301, 39.1859, 55.0824



41.3597, 39.1859, 49.1450

Rectangle

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



39.4432, 39.1859, 32.2728



35.6129, 39.1859, 31.7219



35.1301, 39.1859, 55.0824



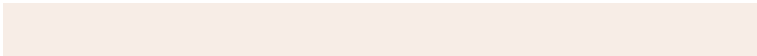
38.9262, 39.1859, 55.8776

Sweetspot

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



39.4442, 39.1877, 32.2736



83.0427, 86.0999, 87.1312



38.8073, 34.1769, 43.5815



18.1333, 18.7755, 18.8741



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.



39.4442, 39.1877, 32.2736



68.5500, 67.1030, 51.5071



43.8000, 47.8991, 33.7255



9.8350, 10.1460, 10.0166



15.9119, 10.8625, 1.2580



0.6875, 0.5540, 0.0707

Inverse Universe

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



35.7234, 39.2413, 54.4068



60.7227, 67.2108, 98.0517



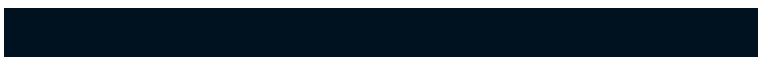
31.7985, 31.3914, 53.0985



9.4796, 10.1515, 12.1320



10.2585, 10.6287, 33.9038



0.4642, 0.5411, 1.3488

Previews

White Background



This preview shows how the XYZ color 39.4432, 39.1859, 32.2728 looks on a white background.

Color Contrast Check

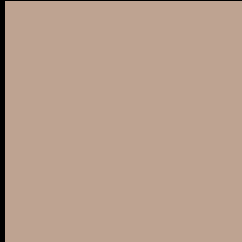
Large Text (above 18pt) WCAG AA × Fail

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 39.4432, 39.1859, 32.2728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

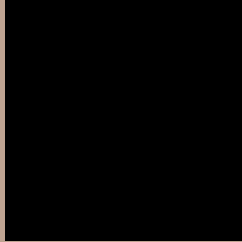
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4432, 39.1859, 32.2728

Background



This preview shows how black text looks on a background with the XYZ color 39.4432, 39.1859, 32.2728.



This preview shows how white text looks on a background with the XYZ color 39.4432, 39.1859,

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

39.4432, 39.1859, 32.2728

Protanopia

37.1736, 39.3420, 33.2383

Deuteranopia

40.0235, 39.2225, 32.2493



Tritanopia

41.8369, 39.1123, 44.3741

Trichromacy



Original Color

39.4432, 39.1859, 32.2728

Protanomaly

37.8806, 39.1715, 32.7585

Deuteranomaly

39.7694, 39.0915, 32.2374

Tritanomaly

40.8306, 38.9567, 39.5498

Monochromacy



Original Color

39.4432, 39.1859, 32.2728

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.2953, 39.5226, 38.8680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4432, 39.1859, 32.2728 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, 163, 145)` looks like.

```
.text, #text, p{  
    color:rgb(190, 163, 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(190, 163, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 163, 145) }
```

Border

The CSS property to change the border of an element to XYZ 39.4432, 39.1859, 32.2728 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, 163, 145) }
```


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

```
.border{ border-color:rgb(190, 163, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 163, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 163, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 163, 145);  
box-shadow:4px 4px 4px 4px rgb(190, 163,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4432, 39.1859, 32.2728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 163, 145) }
```

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

```
.background{ background-color: rgb(190,  
163, 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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