

Converting Colors

XYZ(39.6910, 37.1365, 32.3177)

Have a look what the booklet for
XYZ(39.6910, 37.1365, 32.3177)
contains.

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Color

**XYZ(39.5089, 36.9223,
32.2385)**

Conversions

Conversions Part 1

Format	Color
Hex	C49A92
RGB	196, 154, 146
RGB Percent	77%, 60%, 57%
CMY	0.2314, 0.3961, 0.4274
CMYK	0.00, 0.21, 0.26, 0.23
HSL	10°, 30%, 67%
HSV	10°, 26%, 77%
XYZ	39.5089, 36.9223, 32.2385
YIQ	165.6460, 27.6000, 6.4160

Conversions

Conversions Part 2

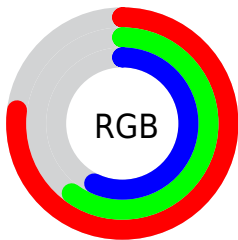
Format	Color
R _Y B	196, 156, 146
Decimal	12884626
CIE Lab	67.22, 14.45, 10.18
CIE LCh	67, 17.678, 35.156
Yxy	36.9223, 0.3636, 0.3398
Android (android.graphics.Color)	4291074706 (0xFFC49A92)
YUV	165.6460, -9.6855, 26.6205
Hunter-Lab	60.7637, 9.7251, 11.0780

Details

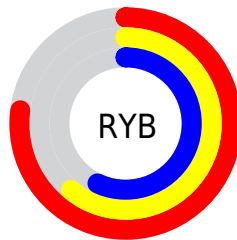
The XYZ color **39.5089, 36.9223, 32.2385** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.8007, 46.0617, 59.0179**, and the grayscale version is **36.1114, 37.9920, 41.3733**.

A 20% lighter version of the original color is **73.4892, 70.1645, 64.3134**, and **17.9461, 16.2077, 13.2489** is the 20% darker color. If you saturate the color by 10%, you get **35.5799, 31.2985, 24.0406**, and if you desaturate by 10%, it is **44.0740, 43.3994, 41.9389**.

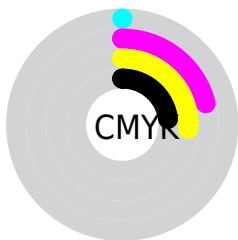
Distribution



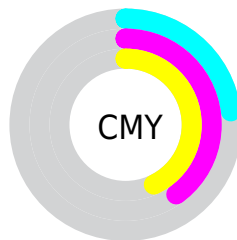
- Red (77%)
- Green (60%)
- Blue (57%)



- Red (77%)
- Yellow (61%)
- Blue (57%)



- Cyan (0%)
- Magenta (21%)
- Yellow (26%)
- Black (23%)





- Cyan (23%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5089, 36.9223, 32.2385 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 39.5089, 36.9223, 32.2385 by changing the saturation by 10% instead.


 39.5089, 36.9223,
32.2385


 39.5089, 36.9223,
32.2385

335.2193,
332.9740, 326.7304

 27.3384, 25.1473,
21.2774


 73.7042, 70.4533,
64.2870

 17.9654, 16.1869,
13.1337


 96.4597, 92.9781,
86.2116

 11.0247, 9.6565,
7.3889


123.4742,
119.8549, 112.6277

 6.1509, 5.1718,
3.6244

155.1130,
151.4682, 143.9538

 2.9786, 2.3484,
1.4216

191.7416,
188.2024, 180.6087

 1.1424, 0.7992,
0.1585

233.7253,

 0.0602, 0.0000,

230.4418, 223.0107

0.0000

281.4294,
278.5709, 271.5784

■ 0.0000, 0.0000,
0.0000

■ 39.5089, 36.9223,
32.2385

■ 39.5089, 36.9223,
32.2385

■ 35.5799, 31.2985,
24.0406

■ 44.0740, 43.3994,
41.9389

■ 32.2555, 26.4873,
17.2676

■ 49.2988, 50.7581,
53.2094

■ 29.5063, 22.4526,
11.8386

■ 55.2093, 59.0315,
66.1163

■ 27.2988, 19.1532,
7.6633

■ 61.8293, 68.2498,
80.7215

■ 25.5961, 16.5443,
4.6407

■ 69.1814, 78.4415,
97.0836

■ 24.3566, 14.5758,
2.6536

■ 75.8710, 89.0677,
107.8007

■ 23.5312, 13.1909,
1.5586

■ 76.5751, 90.4758,
108.0354

■ 23.2649, 12.7355,
1.2320

Harmonies

Analogous

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



40.5189, 36.9223, 38.8815



39.5089, 36.9223, 32.2385



37.3190, 36.9223, 28.1690

Triad

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



39.5089, 36.9223, 32.2385



30.5926, 36.9223, 34.2764



35.5619, 36.9223, 56.8921

Complementary

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



39.5089, 36.9223, 32.2385



39.8007, 46.0617, 59.0179

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.



32.9584, 36.9223, 55.2505



39.5089, 36.9223, 32.2385



30.1754, 36.9223, 41.5523

Square

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



39.5089, 36.9223, 32.2385



32.1899, 36.9223, 29.2357



31.0200, 36.9223, 49.3797



38.1667, 36.9223, 53.6162

Rectangle

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



39.5089, 36.9223, 32.2385



35.5335, 36.9223, 27.1389



31.0200, 36.9223, 49.3797



34.6572, 36.9223, 56.9009

Sweetspot

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



39.5099, 36.9240, 32.2393



86.7131, 88.3059, 90.7691



42.1753, 35.9464, 52.5759



18.2442, 18.4565, 18.7452



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.



39.5099, 36.9240, 32.2393



67.1841, 60.6177, 49.2078



43.9737, 45.8516, 33.7272



10.2005, 10.3325, 10.5186



14.9906, 8.2670, 0.8056



0.6896, 0.4410, 0.0488

Inverse Universe

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



39.8007, 46.0617, 59.0179



67.7984, 80.1547, 106.5058



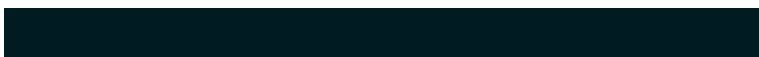
35.0045, 36.4693, 57.4192



10.2268, 11.1450, 12.8970



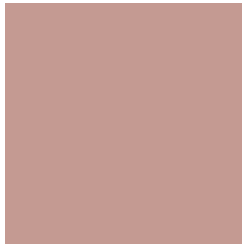
15.0569, 19.8703, 36.5984



0.6882, 0.9338, 1.5938

Previews

White Background



This preview shows how the XYZ color 39.5089, 36.9223, 32.2385 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 39.5089, 36.9223, 32.2385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

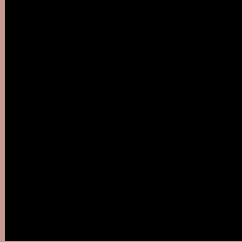
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5089, 36.9223, 32.2385

Background



This preview shows how black text looks on a background with the XYZ color 39.5089, 36.9223, 32.2385.



This preview shows how white text looks on a background with the XYZ color 39.5089, 36.9223,

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

39.5089, 36.9223, 32.2385

Protanopia

35.2607, 36.9748, 34.5566

Deuteranopia

37.5874, 36.9372, 31.9366



Tritanopia

40.9662, 36.7833, 39.5911

Trichromacy



Original Color

39.5089, 36.9223, 32.2385

Protanomaly

36.5860, 36.8952, 33.6270

Deuteranomaly

38.4030, 37.1054, 31.9261

Tritanomaly

40.3400, 36.7611, 36.8677

Monochromacy



Original Color

39.5089, 36.9223, 32.2385

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.3098, 37.6910, 38.1095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5089, 36.9223, 32.2385 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(196, 154, 146)` looks like.

```
.text, #text, p{  
    color:rgb(196, 154, 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(196, 154, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 154, 146) }
```

Border

The CSS property to change the border of an element to XYZ 39.5089, 36.9223, 32.2385 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(196, 154, 146) }
```


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

```
.border{ border-color:rgb(196, 154, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 154, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 154, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 154, 146);  
box-shadow:4px 4px 4px 4px rgb(196, 154,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5089, 36.9223, 32.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 154, 146) }
```

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

```
.background{ background-color: rgb(196,  
154, 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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