

Converting Colors

XYZ(39.6861, 36.8568, 32.2755)

Have a look what the booklet for
XYZ(39.6861, 36.8568, 32.2755)
contains.

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Color

**XYZ(39.6055, 36.7281,
32.1959)**

Conversions

Conversions Part 1

Format	Color
Hex	C59992
RGB	197, 153, 146
RGB Percent	77%, 60%, 57%
CMY	0.2274, 0.4000, 0.4274
CMYK	0.00, 0.22, 0.26, 0.23
HSL	8°, 31%, 67%
HSV	8°, 26%, 77%
XYZ	39.6055, 36.7281, 32.1959
YIQ	165.3580, 28.4710, 7.1510

Conversions

Conversions Part 2

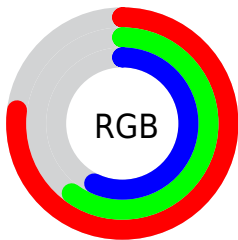
Format	Color
RYB	197, 154, 146
Decimal	12949906
CIELab	67.07, 15.39, 9.99
CIELCh	67, 18.343, 32.982
Yxy	36.7281, 0.3649, 0.3384
Android (android.graphics.Color)	4291139986 (0xFFC59992)
YUV	165.3580, -9.5435, 27.7500
Hunter-Lab	60.6037, 10.5961, 10.9246

Details

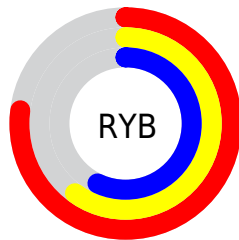
The XYZ color **39.6055, 36.7281, 32.1959** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.3451, 46.9677, 59.7628**, and the grayscale version is **35.9717, 37.8451, 41.2133**.

A 20% lighter version of the original color is **73.6112, 69.8666, 64.2495**, and **18.0180, 16.0981, 13.2239** is the 20% darker color. If you saturate the color by 10%, you get **35.6170, 30.9957, 23.9462**, and if you desaturate by 10%, it is **44.2562, 43.3619, 41.9699**.

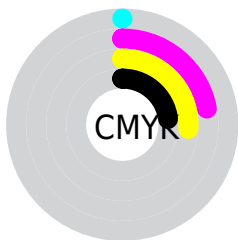
Distribution



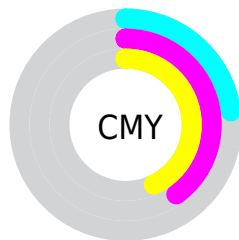
- Red (77%)
- Green (60%)
- Blue (57%)



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



- Cyan (0%)
- Magenta (22%)
- Yellow (26%)
- Black (23%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6055, 36.7281, 32.1959 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 39.6055, 36.7281, 32.1959 by changing the saturation by 10% instead.


 39.6055, 36.7281,
32.1959


 39.6055, 36.7281,
32.1959

335.6210,
332.1318, 326.5309

 27.4139, 24.9970,
21.2451


 73.8506, 70.1544,
64.2195

 18.0225, 16.0749,
13.1103


 96.6348, 92.6184,
86.1295

 11.0660, 9.5771,
7.3729


123.6806,
119.4289, 112.5296

 6.1788, 5.1195,
3.6144

155.3534,
150.9702, 143.8383

 2.9958, 2.3175,
1.4163

192.0184,
187.6268, 180.4743

 1.1516, 0.7830,
0.1544

234.0412,

 0.0676, 0.0000,

229.7830, 222.8560

0.0000

281.7869,
277.8232, 271.4020

■ 0.0000, 0.0000,
0.0000

■ 39.6055, 36.7281,
32.1959

■ 39.6055, 36.7281,
32.1959

■ 35.6170, 30.9957,
23.9462

■ 44.2562, 43.3619,
41.9699

■ 32.2576, 26.1209,
17.1418

■ 49.5945, 50.9283,
53.3375

■ 29.4958, 22.0638,
11.6998

■ 55.6479, 59.4634,
66.3663

■ 27.2958, 18.7792,
7.5280

■ 62.4416, 68.9999,
81.1194

■ 25.6184, 16.2178,
4.5227

■ 69.9995, 79.5687,
97.6565

■ 24.4187, 14.3242,
2.5640

■ 76.8273, 90.5928,
108.0447

■ 23.6437, 13.0346,
1.5024

■ 76.8361, 90.6104,
108.0476

■ 23.4192, 12.6567,
1.2087

Harmonies

Analogous

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



40.5455, 36.7281, 39.1966



39.6055, 36.7281, 32.1959



37.4033, 36.7281, 27.8049

Triad

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



39.6055, 36.7281, 32.1959



30.3443, 36.7281, 33.4091



35.1888, 36.7281, 57.3810

Complementary

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



39.6055, 36.7281, 32.1959



40.3451, 46.9677, 59.7628

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.



32.5281, 36.7281, 55.2999



39.6055, 36.7281, 32.1959



29.8206, 36.7281, 40.7954

Square

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



39.6055, 36.7281, 32.1959



32.0691, 36.7281, 28.4370



30.5992, 36.7281, 48.9517



37.9118, 36.7281, 54.3136

Rectangle

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



39.6055, 36.7281, 32.1959



35.5686, 36.7281, 26.5971



30.5992, 36.7281, 48.9517



34.2576, 36.7281, 57.2611

Sweetspot

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



39.6065, 36.7298, 32.1967



86.5782, 88.0362, 90.7241



42.6213, 36.1550, 53.5624



18.2105, 18.3892, 18.7340



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.



39.6065, 36.7298, 32.1967



66.8007, 59.8510, 49.0800



44.1947, 45.9063, 33.7261



10.7494, 10.8679, 11.0939



15.4401, 8.3974, 0.8071



0.7703, 0.4761, 0.0513

Inverse Universe

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



40.3451, 46.9677, 59.7628



68.3372, 81.2323, 106.6854



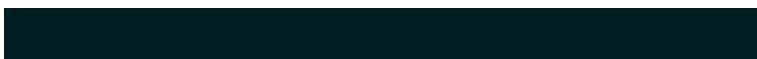
35.3336, 36.9448, 58.0923



10.8177, 11.8095, 13.6268



16.1224, 21.6387, 38.0713



0.7986, 1.0950, 1.8144

Previews

White Background



This preview shows how the XYZ color 39.6055, 36.7281, 32.1959 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 39.6055, 36.7281, 32.1959 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 39.6055, 36.7281, 32.1959

Background



This preview shows how black text looks on a background with the XYZ color 39.6055, 36.7281, 32.1959.



This preview shows how white text looks on a background with the XYZ color 39.6055, 36.7281,

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

39.6055, 36.7281, 32.1959

Protanopia

35.0453, 36.8638, 34.5465

Deuteranopia

37.5874, 36.9372, 31.9366



Tritanopia

41.1414, 36.8840, 39.1333

Trichromacy



Original Color

39.6055, 36.7281, 32.1959

Protanomaly

36.4134, 36.5499, 33.5694

Deuteranomaly

38.2345, 36.7684, 31.8699

Tritanomaly

40.5177, 36.8625, 36.4322

Monochromacy



Original Color

39.6055, 36.7281, 32.1959

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.0479, 37.3055, 37.5958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6055, 36.7281, 32.1959 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(197, 153, 146)` looks like.

```
.text, #text, p{  
    color:rgb(197, 153, 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(197, 153, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 153, 146) }
```

Border

The CSS property to change the border of an element to XYZ 39.6055, 36.7281, 32.1959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

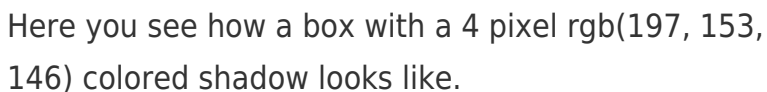
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 153, 146) }
```


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

```
.border{ border-color:rgb(197, 153, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 153, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 153, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 153, 146); box-shadow:4px 4px 4px 4px rgb(197, 153, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6055, 36.7281, 32.1959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 153, 146) }
```

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

```
.background{ background-color: rgb(197,  
153, 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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