

Converting Colors

XYZ(40.8059, 39.7509, 33.0767)

Have a look what the booklet for
XYZ(40.8059, 39.7509, 33.0767)
contains.

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Color

**XYZ(40.8693, 39.9031,
33.1518)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A393
RGB	195, 163, 147
RGB Percent	76%, 64%, 58%
CMY	0.2353, 0.3608, 0.4235
CMYK	0.00, 0.16, 0.25, 0.24
HSL	20°, 29%, 67%
HSV	20°, 25%, 76%
XYZ	40.8693, 39.9031, 33.1518
YIQ	170.7440, 24.2080, 1.8080

Conversions

Conversions Part 2

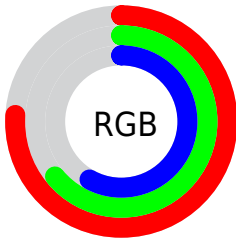
Format	Color
R_{YB}	195, 171, 147
Decimal	12821395
CIE _{Lab}	69.40, 9.28, 12.69
CIE _{LCh}	69, 15.726, 53.819
Yxy	39.9031, 0.3587, 0.3503
Android (android.graphics.Color)	4291011475 (0xFFC3A393)
YUV	170.7440, -11.7058, 21.2725
Hunter-Lab	63.1689, 4.9412, 13.1021

Details

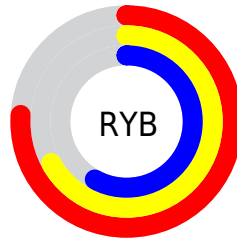
The XYZ color **40.8693, 39.9031, 33.1518** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.0026, 42.3821, 57.8074**, and the grayscale version is **38.6295, 40.6412, 44.2583**.

A 20% lighter version of the original color is **75.7589, 75.0553, 65.7525**, and **18.7803, 17.8761, 13.5269** is the 20% darker color. If you saturate the color by 10%, you get **37.2767, 34.9624, 25.0341**, and if you desaturate by 10%, it is **44.9607, 45.4257, 42.7163**.

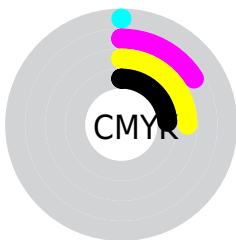
Distribution



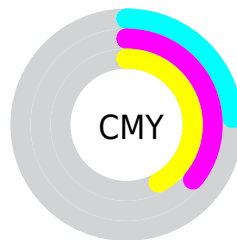
- Red (76%)
- Green (64%)
- Blue (58%)



- Red (76%)
- Yellow (67%)
- Blue (58%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (24%)





- Cyan (24%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8693, 39.9031, 33.1518 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 40.8693, 39.9031, 33.1518 by changing the saturation by 10% instead.


 40.8693, 39.9031,
33.1518


 40.8693, 39.9031,
33.1518


340.8460,
345.7150, 330.9862

 28.4042, 27.4630,
21.9707


 75.7614, 75.0159,
65.7312

 18.7726, 17.9213,
13.6373


 98.9191, 98.4575,
87.9666

 11.6091, 10.8935,
7.7329


126.3717,
126.3349, 114.7238

 6.5484, 5.9952,
3.8392

158.4846,
159.0327, 146.4213

 3.2251, 2.8422,
1.5376

195.6231,
196.9352, 183.4778

 1.2739, 1.0499,
0.2457

238.1526,

 0.1636, 0.0000,

240.4268, 226.3118

0.0000

286.4385,
289.8920, 275.3417

■ 0.0000, 0.0000,
0.0000

■ 40.8693, 39.9031,
33.1518

■ 40.8693, 39.9031,
33.1518

■ 37.2767, 34.9624,
25.0341

■ 44.9607, 45.4257,
42.7163

■ 34.1594, 30.5786,
18.2896

■ 49.5667, 51.5433,
53.7915

■ 31.4969, 26.7329,
12.8417

■ 54.7063, 58.2752,
66.4403

■ 29.2656, 23.4032,
8.6052

■ 60.3965, 65.6385,
80.7214

■ 27.4397, 20.5660,
5.4849

■ 66.6536, 73.6493,
96.6903

■ 25.9898, 18.1952,
3.3706

■ 72.0095, 81.7298,
106.5879

■ 24.8817, 16.2620,
2.1292

■ 75.9954, 89.7015,
107.9165

■ 24.3970, 15.3846,
1.6837

■ 76.3157, 90.3421,
108.0232

Harmonies

Analogous

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



42.5497, 39.9031, 38.0646



40.8693, 39.9031, 33.1518



38.4525, 39.9031, 31.0248

Triad

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



40.8693, 39.9031, 33.1518



33.2964, 39.9031, 41.9659



39.9239, 39.9031, 57.4683

Complementary

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



40.8693, 39.9031, 33.1518



38.0026, 42.3821, 57.8074

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.



37.4057, 39.9031, 58.8099



40.8693, 39.9031, 33.1518



33.6513, 39.9031, 49.3158

Square

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



40.8693, 39.9031, 33.1518



34.1369, 39.9031, 35.7366



35.1288, 39.9031, 55.6810



41.9871, 39.9031, 52.1951

Rectangle

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



40.8693, 39.9031, 33.1518



36.7774, 39.9031, 31.2828



35.1288, 39.9031, 55.6810



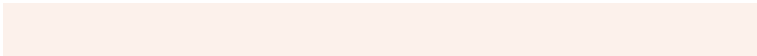
39.0997, 39.9031, 58.4167

Sweetspot

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



40.8704, 39.9049, 33.1526



86.6293, 89.4806, 91.1352



41.0764, 35.7247, 47.3787



18.8567, 19.4441, 19.6815



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.



40.8704, 39.9049, 33.1526



69.3282, 66.1679, 50.5639



45.5427, 49.2495, 34.7101



10.3415, 10.6144, 10.5656



15.9265, 10.1387, 1.1175



0.7523, 0.5664, 0.0697

Inverse Universe

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



38.0026, 42.3821, 57.8074



63.2321, 71.4173, 102.9220



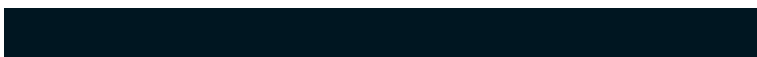
33.6047, 33.5864, 56.3415



10.0765, 10.8443, 12.8469



11.6689, 13.0942, 35.4690



0.5654, 0.6882, 1.5529

Previews

White Background



This preview shows how the XYZ color 40.8693, 39.9031, 33.1518 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 40.8693, 39.9031, 33.1518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

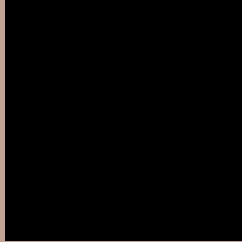
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8693, 39.9031, 33.1518

Background



This preview shows how black text looks on a background with the XYZ color 40.8693, 39.9031, 33.1518.



This preview shows how white text looks on a background with the XYZ color 40.8693, 39.9031,

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

40.8693, 39.9031, 33.1518

Protanopia

37.8244, 39.9251, 34.5669

Deuteranopia

40.6118, 39.7703, 33.1397



Tritanopia

43.1332, 39.7806, 44.4348

Trichromacy



Original Color

40.8693, 39.9031, 33.1518

Protanomaly

39.0107, 39.9977, 34.0980

Deuteranomaly

40.6118, 39.7703, 33.1397

Tritanomaly

42.2076, 39.6563, 40.0802

Monochromacy



Original Color

40.8693, 39.9031, 33.1518

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.3466, 40.3172, 39.8906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8693, 39.9031, 33.1518 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(195, 163, 147)` looks like.

```
.text, #text, p{  
    color:rgb(195, 163, 147)  
}
```

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(195, 163, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 163, 147) }
```

Border

The CSS property to change the border of an element to XYZ 40.8693, 39.9031, 33.1518 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(195, 163, 147) }
```


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

```
.border{ border-color:rgb(195, 163, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 163, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 163, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 163, 147);  
box-shadow:4px 4px 4px 4px rgb(195, 163,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8693, 39.9031, 33.1518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 163, 147) }
```

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

```
.background{ background-color: rgb(195,  
163, 147) }
```

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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