

Converting Colors

XYZ(40.1492, 39.2850, 33.5460)

Have a look what the booklet for
XYZ(40.1492, 39.2850, 33.5460)
contains.

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Color

**XYZ(40.0039, 39.1852,
33.4721)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A294
RGB	192, 162, 148
RGB Percent	75%, 64%, 58%
CMY	0.2471, 0.3647, 0.4196
CMYK	0.00, 0.16, 0.23, 0.25
HSL	19°, 26%, 67%
HSV	19°, 23%, 75%
XYZ	40.0039, 39.1852, 33.4721
YIQ	169.3740, 22.3740, 2.0060

Conversions

Conversions Part 2

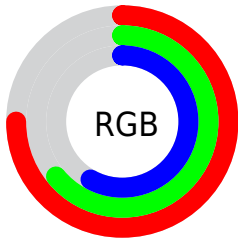
Format	Color
R _Y B	192, 169, 148
Decimal	12624532
CIE Lab	68.89, 8.82, 11.37
CIE LCh	69, 14.394, 52.200
Yxy	39.1852, 0.3551, 0.3478
Android (android.graphics.Color)	4290814612 (0xFFC0A294)
YUV	169.3740, -10.5374, 19.8430
Hunter-Lab	62.5981, 4.5255, 12.1154

Details

The XYZ color **40.0039, 39.1852, 33.4721** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.6474, 41.9417, 55.9809**, and the grayscale version is **37.9410, 39.9169, 43.4695**.

A 20% lighter version of the original color is **74.5404, 74.0297, 66.2376**, and **18.2148, 17.4182, 13.7113** is the 20% darker color. If you saturate the color by 10%, you get **36.4217, 34.2543, 25.3918**, and if you desaturate by 10%, it is **44.0804, 44.7006, 42.9617**.

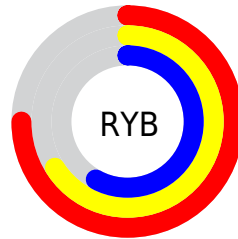
Distribution



Red (75%)

Green (64%)

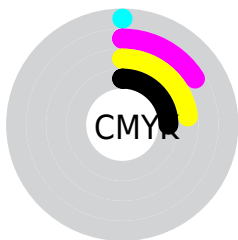
Blue (58%)



Red (75%)

Yellow (66%)

Blue (58%)

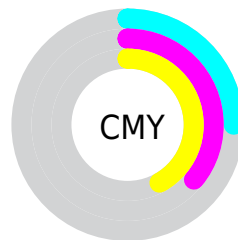


Cyan (0%)

Magenta (16%)

Yellow (23%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0039, 39.1852, 33.4721 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 40.0039, 39.1852, 33.4721 by changing the saturation by 10% instead.


 40.0039, 39.1852,
33.4721


 40.0039, 39.1852,
33.4721


337.2741,
342.6772, 332.4687

 27.7258, 26.9038,
22.2143


 74.4538, 73.9212,
66.2364

 18.2585, 17.5010,
13.8146


 97.3562, 97.1445,
88.5799

 11.2365, 10.5923,
7.8546


124.5309,
124.7840, 115.4558

 6.2946, 5.7934,
3.9156

156.3431,
157.2241, 147.2825

 3.0674, 2.7199,
1.5792

193.1581,
194.8490, 184.4786

 1.1895, 0.9873,
0.2759

235.3414,

 0.0981, 0.0000,

238.0432, 227.4626

0.0000

283.2583,
287.1912, 276.6532

■ 0.0000, 0.0000,
0.0000

■ 40.0039, 39.1852,
33.4721

■ 40.0039, 39.1852,
33.4721

■ 36.4217, 34.2543,
25.3918

■ 44.0804, 44.7006,
42.9617

■ 33.3108, 29.8829,
18.6506

■ 48.6666, 50.8137,
53.9215

■ 30.6513, 26.0521,
13.1757

■ 53.7810, 57.5442,
66.4117

■ 28.4201, 22.7398,
8.8865

■ 59.4404, 64.9088,
80.4882

■ 26.5921, 19.9223,
5.6928

■ 65.6607, 72.9241,
96.2044

■ 25.1393, 17.5736,
3.4913

■ 71.1082, 81.0661,
106.5073

■ 24.0289, 15.6650,
2.1586

■ 75.1132, 89.0762,
107.8423

■ 23.4128, 14.5553,
1.5755

■ 75.5484, 89.9466,
107.9873

Harmonies

Analogous

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



41.4641, 39.1852, 38.0841



40.0039, 39.1852, 33.4721



37.8441, 39.1852, 31.3698

Triad

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



40.0039, 39.1852, 33.4721



33.0570, 39.1852, 40.9803



38.9300, 39.1852, 55.4149

Complementary

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



40.0039, 39.1852, 33.4721



37.6474, 41.9417, 55.9809

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.



36.6510, 39.1852, 56.3928



40.0039, 39.1852, 33.4721



33.3211, 39.1852, 47.6014

Square

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



40.0039, 39.1852, 33.4721



33.8780, 39.1852, 35.4062



34.6147, 39.1852, 53.4059



40.8266, 39.1852, 50.8560

Rectangle

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



40.0039, 39.1852, 33.4721



36.3232, 39.1852, 31.5067



34.6147, 39.1852, 53.4059



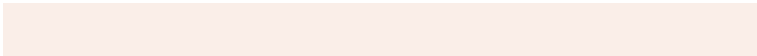
38.1810, 39.1852, 56.1909

Sweetspot

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



40.0049, 39.1870, 33.4729



84.5789, 87.2890, 89.0381



40.3712, 35.6039, 46.8995



18.0364, 18.5817, 18.8418



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.



40.0049, 39.1870, 33.4729



69.4455, 66.8392, 53.7288



44.2106, 47.5984, 34.8748



10.3290, 10.5895, 10.5614



15.8169, 9.9196, 1.0810



0.7466, 0.5550, 0.0678

Inverse Universe

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



37.6474, 41.9417, 55.9809



64.4928, 72.6146, 100.9772



33.6274, 33.9016, 54.6409



10.0895, 10.8703, 12.8512



11.9267, 13.6098, 35.5550



0.5751, 0.7077, 1.5562

Previews

White Background



This preview shows how the XYZ color 40.0039, 39.1852, 33.4721 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 40.0039, 39.1852, 33.4721 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 40.0039, 39.1852, 33.4721

Background



This preview shows how black text looks on a background with the XYZ color 40.0039, 39.1852, 33.4721.



This preview shows how white text looks on a background with the XYZ color 40.0039, 39.1852,

33.4721.

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

40.0039, 39.1852, 33.4721

Protanopia

37.2677, 39.3536, 34.9099

Deuteranopia

40.0039, 39.1852, 33.4721



Tritanopia

42.2545, 39.3387, 43.8941

Trichromacy



Original Color

40.0039, 39.1852, 33.4721

Protanomaly

38.1973, 39.2982, 34.4263

Deuteranomaly

40.0039, 39.1852, 33.4721

Tritanomaly

41.4298, 39.2553, 40.0438

Monochromacy



Original Color

40.0039, 39.1852, 33.4721

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.2007, 39.1928, 39.2698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0039, 39.1852, 33.4721 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(192, 162, 148)` looks like.

```
.text, #text, p{  
    color:rgb(192, 162, 148)  
}
```

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(192, 162, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 162, 148) }
```

Border

The CSS property to change the border of an element to XYZ 40.0039, 39.1852, 33.4721 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(192, 162, 148) }
```


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

```
.border{ border-color:rgb(192, 162, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 162, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 162, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 162, 148);  
box-shadow:4px 4px 4px 4px rgb(192, 162,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0039, 39.1852, 33.4721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 162, 148) }
```

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

```
.background{ background-color: rgb(192,  
162, 148) }
```

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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