

Converting Colors

XYZ(43.9071, 40.3497, 33.6639)

Have a look what the booklet for
XYZ(43.9071, 40.3497, 33.6639)
contains.

XYZ(44.0379, 40.4897, 33.5112)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.0379, 40.4897,
33.5112)**

Conversions

Conversions Part 1

Format	Color
Hex	D19F94
RGB	209, 159, 148
RGB Percent	82%, 62%, 58%
CMY	0.1804, 0.3764, 0.4196
CMYK	0.00, 0.24, 0.29, 0.18
HSL	11°, 40%, 70%
HSV	11°, 29%, 82%
XYZ	44.0379, 40.4897, 33.5112
YIQ	172.6960, 33.3310, 7.1790

Conversions

Conversions Part 2

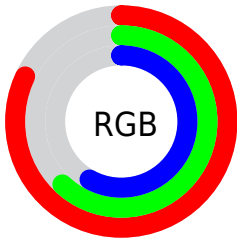
Format	Color
R_{YB}	209, 161, 148
Decimal	13737876
CIE _{Lab}	69.82, 17.00, 12.93
CIE _{LCh}	70, 21.357, 37.250
Yxy	40.4897, 0.3731, 0.3430
Android (android.graphics.Color)	4291927956 (0xFFD19F94)
YUV	172.6960, -12.1751, 31.8386
Hunter-Lab	63.6315, 12.1806, 13.3173

Details

The XYZ color **44.0379, 40.4897, 33.5112** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.9148, 51.2858, 67.9063**, and the grayscale version is **39.6147, 41.6778, 45.3871**.

A 20% lighter version of the original color is **75.9472, 73.6174, 66.0838**, and **20.5522, 18.1508, 13.7295** is the 20% darker color. If you saturate the color by 10%, you get **39.7864, 34.3993, 24.6560**, and if you desaturate by 10%, it is **48.9985, 47.5198, 44.0773**.

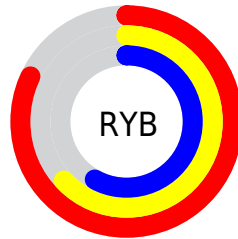
Distribution



Red (82%)

Green (62%)

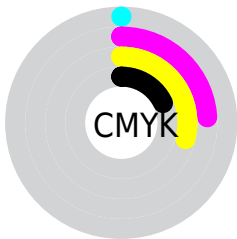
Blue (58%)



Red (82%)

Yellow (63%)

Blue (58%)

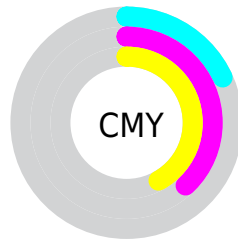


Cyan (0%)

Magenta (24%)

Yellow (29%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0379, 40.4897, 33.5112 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 44.0379, 40.4897, 33.5112 by changing the saturation by 10% instead.


 44.0379, 40.4897,
33.5112


 44.0379, 40.4897,
33.5112


353.7125,
348.1833, 332.6494

 30.8983, 27.9206,
22.2440


 80.5208, 75.9086,
66.2980

 20.6729, 18.2658,
13.8363

 104.5948, 99.5272,
88.6547

 12.9962, 11.1410,
7.8694


133.0443,
127.5977, 115.5450

 7.5029, 6.1617,
3.9249

166.2348,
160.5046, 147.3875

 3.8277, 2.9437,
1.5843

204.5315,
198.6322, 184.6006

 1.6051, 1.1024,
0.2796

248.2997,

 0.3957, 0.0000,

242.3649, 227.6029

0.0000

297.9050,
292.0871, 276.8130

■ 0.0000, 0.0000,
0.0000

■ 44.0379, 40.4897,
33.5112

■ 44.0379, 40.4897,
33.5112

■ 39.7864, 34.3993,
24.6560

■ 48.9985, 47.5198,
44.0773

■ 36.2080, 29.2031,
17.4190

■ 54.6956, 55.5214,
56.4353

■ 33.2684, 24.8604,
11.7023

■ 61.1590, 64.5317,
70.6642

■ 30.9288, 21.3248,
7.3965

■ 68.4161, 74.5842,
86.8376

■ 29.1459, 18.5456,
4.3775

■ 76.4925, 85.7109,
105.0248

■ 27.8704, 16.4660,
2.4991

■ 80.1045, 92.2953,
108.2006

■ 27.0326, 15.0165,
1.5226

■ 26.9782, 14.9227,
1.4585

Harmonies

Analogous

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



45.4828, 40.4897, 41.7208



44.0379, 40.4897, 33.5112



41.1200, 40.4897, 28.7206

Triad

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



44.0379, 40.4897, 33.5112



32.6585, 40.4897, 37.1083



39.3316, 40.4897, 65.8655

Complementary

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



44.0379, 40.4897, 33.5112



43.9148, 51.2858, 67.9063

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.



35.9636, 40.4897, 64.1392



44.0379, 40.4897, 33.5112



32.2432, 40.4897, 46.5397

Square

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



44.0379, 40.4897, 33.5112



34.5888, 40.4897, 30.5694



33.4183, 40.4897, 56.6808



42.6617, 40.4897, 61.0954

Rectangle

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



44.0379, 40.4897, 33.5112



38.8050, 40.4897, 27.6349



33.4183, 40.4897, 56.6808



38.1653, 40.4897, 66.0363

Sweetspot

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



44.0390, 40.4916, 33.5120



85.8628, 87.1895, 88.6850



47.1741, 38.8513, 58.9443



18.0805, 18.2455, 18.3321



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.



44.0390, 40.4916, 33.5120



64.7974, 57.3987, 43.6201



49.7660, 51.9456, 35.4210



11.9788, 12.1482, 12.3255



16.6859, 9.3047, 0.9165



0.9864, 0.6271, 0.0691

Inverse Universe

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



43.9148, 51.2858, 67.9063



64.5606, 76.9741, 106.0625



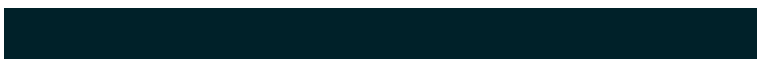
37.7860, 39.0283, 65.8634



11.9695, 13.0292, 15.1277



16.1756, 20.9978, 40.3929



0.9529, 1.2710, 2.2747

Previews

White Background



This preview shows how the XYZ color 44.0379, 40.4897, 33.5112 looks on a white background.

Color Contrast Check

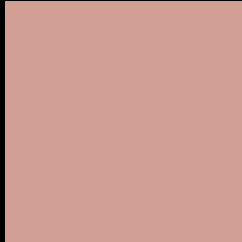
Large Text (above 18pt) WCAG AA × Fail

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 44.0379, 40.4897, 33.5112 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 44.0379, 40.4897, 33.5112

Background



This preview shows how black text looks on a background with the XYZ color 44.0379, 40.4897, 33.5112.



This preview shows how white text looks on a background with the XYZ color 44.0379, 40.4897,

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

44.0379, 40.4897, 33.5112

Protanopia

38.5676, 40.5475, 36.3656

Deuteranopia

41.3069, 40.3933, 33.2233



Tritanopia

45.8203, 40.4530, 42.4390

Trichromacy



Original Color

44.0379, 40.4897, 33.5112

Protanomaly

40.2900, 40.3583, 35.3722

Deuteranomaly

42.2742, 40.3648, 33.1668

Tritanomaly

45.0683, 40.3888, 39.1387

Monochromacy



Original Color

44.0379, 40.4897, 33.5112

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.9532, 41.1247, 40.9014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0379, 40.4897, 33.5112 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(209, 159, 148) looks like.

```
.text, #text, p{  
    color:rgb(209, 159, 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(209, 159, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 159, 148) }
```

Border

The CSS property to change the border of an element to XYZ 44.0379, 40.4897, 33.5112 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(209, 159, 148) }
```


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

```
.border{ border-color:rgb(209, 159, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 159, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 159, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 159, 148); box-shadow:4px 4px 4px 4px rgb(209, 159, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0379, 40.4897, 33.5112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 159, 148) }
```

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

```
.background{ background-color: rgb(209,  
159, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor