

Converting Colors

XYZ(41.3310, 36.9180, 31.4777)

Have a look what the booklet for
XYZ(41.3310, 36.9180, 31.4777)
contains.

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Color

**XYZ(41.3940, 36.9481,
31.3356)**

Conversions

Conversions Part 1

Format	Color
Hex	CE9690
RGB	206, 150, 144
RGB Percent	81%, 59%, 56%
CMY	0.1922, 0.4117, 0.4353
CMYK	0.00, 0.27, 0.30, 0.19
HSL	6°, 39%, 69%
HSV	6°, 30%, 81%
XYZ	41.3940, 36.9481, 31.3356
YIQ	166.0600, 35.3020, 10.0060

Conversions

Conversions Part 2

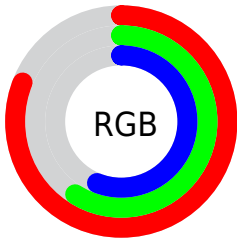
Format	Color
R _Y B	206, 151, 144
Decimal	13538960
CIE Lab	67.24, 20.21, 11.47
CIE LCh	67, 23.240, 29.571
Yxy	36.9481, 0.3774, 0.3369
Android (android.graphics.Color)	4291729040 (0xFFCE9690)
YUV	166.0600, -10.8756, 35.0274
Hunter-Lab	60.7849, 15.1832, 11.9845

Details

The XYZ color **41.3940, 36.9481, 31.3356** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2959, 51.6925, 66.0884**, and the grayscale version is **36.3143, 38.2055, 41.6058**.

A 20% lighter version of the original color is **73.0259, 68.5229, 62.8035**, and **19.0599, 16.2159, 12.7151** is the 20% darker color. If you saturate the color by 10%, you get **37.2241, 30.9022, 22.8737**, and if you desaturate by 10%, it is **46.3245, 44.0551, 41.4693**.

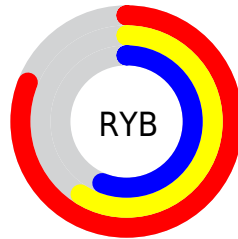
Distribution



Red (81%)

Green (59%)

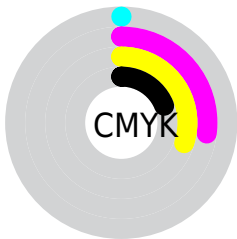
Blue (56%)



Red (81%)

Yellow (59%)

Blue (56%)

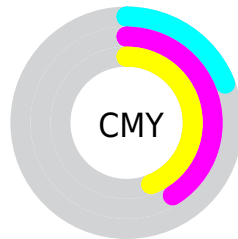


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (19%)



Cyan (19%)


Magenta (41%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3940, 36.9481, 31.3356 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 41.3940, 36.9481, 31.3356 by changing the saturation by 10% instead.


 41.3940, 36.9481,
31.3356


 41.3940, 36.9481,
31.3356


342.9992,
333.0858, 322.4804

 28.8161, 25.1673,
20.5939


 76.5526, 70.4930,
62.8538

 19.0853, 16.2018,
12.6392


 99.8640, 93.0258,
84.4674

 11.8363, 9.6670,
7.0528


127.4839,
119.9115, 110.5421

 6.7037, 5.1788,
3.4162

159.7777,
151.5343, 141.4964

 3.3222, 2.3525,
1.3109

197.1108,
188.2788, 177.7488

 1.3263, 0.8013,
0.0707

239.8485,

 0.2028, 0.0000,

230.5293, 219.7180

0.0000

288.3562,
278.6701, 267.8223

0.0000, 0.0000,
0.0000

41.3940, 36.9481,
31.3356

41.3940, 36.9481,
31.3356

37.2241, 30.9022,
22.8737

46.3245, 44.0551,
41.4693

33.7742, 25.8617,
15.9914

52.0480, 52.2653,
53.3554

31.0039, 21.7733,
10.5914

58.5983, 61.6247,
67.0724

28.8682, 18.5771,
6.5645

66.0065, 72.1754,
82.6929

27.3160, 16.2062,
3.7863

74.3022, 83.9570,
100.2860

■ 26.2887, 14.5841,
2.1101

■ 79.2637, 91.8619,
108.1612

■ 25.7029, 13.6204,
1.2743

Harmonies

Analogous

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



42.3936, 36.9481, 40.3768



41.3940, 36.9481, 31.3356



38.6889, 36.9481, 25.6219

Triad

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



41.3940, 36.9481, 31.3356



29.5564, 36.9481, 31.1214



35.0669, 36.9481, 63.1089

Complementary

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



41.3940, 36.9481, 31.3356



43.2959, 51.6925, 66.0884

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.



31.7739, 36.9481, 59.5445



41.3940, 36.9481, 31.3356



28.7266, 36.9481, 40.0839

Square

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



41.3940, 36.9481, 31.3356



31.8569, 36.9481, 25.5136



29.5109, 36.9481, 50.6663



38.5946, 36.9481, 59.7349

Rectangle

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



41.3940, 36.9481, 31.3356



36.3679, 36.9481, 23.9078



29.5109, 36.9481, 50.6663



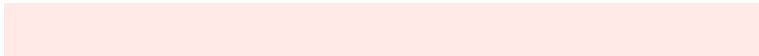
33.8972, 36.9481, 62.6748

Sweetspot

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



41.3950, 36.9498, 31.3363



85.3130, 86.0899, 88.5017



45.9502, 37.2780, 59.9294



17.9462, 17.9769, 18.2874



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.



41.3950, 36.9498, 31.3363



62.6384, 53.4507, 41.7600



46.8429, 47.8456, 33.1523



11.2983, 11.3855, 11.6816



15.8596, 8.4521, 0.7955



0.8488, 0.4972, 0.0512

Inverse Universe

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



43.2959, 51.6925, 66.0884



66.1846, 81.0063, 106.7552



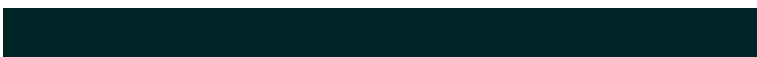
36.9861, 39.0730, 63.9852



11.4468, 12.5341, 14.3864



17.7184, 24.4608, 39.7438



0.9417, 1.3171, 2.0595

Previews

White Background



This preview shows how the XYZ color 41.3940, 36.9481, 31.3356 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 41.3940, 36.9481, 31.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

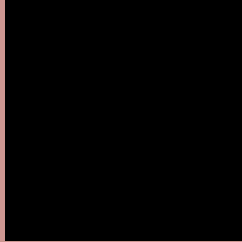
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3940, 36.9481, 31.3356

Background



This preview shows how black text looks on a background with the XYZ color 41.3940, 36.9481, 31.3356.



This preview shows how white text looks on a background with the XYZ color 41.3940, 36.9481,

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

41.3940, 36.9481, 31.3356

Protanopia

35.2607, 36.9748, 34.5566

Deuteranopia

37.9238, 37.1283, 31.1543



Tritanopia

42.8603, 37.0929, 37.7016

Trichromacy



Original Color

41.3940, 36.9481, 31.3356

Protanomaly

37.1006, 36.6591, 33.1375

Deuteranomaly

39.1849, 37.0280, 31.0684

Tritanomaly

42.3123, 37.0934, 35.5015

Monochromacy



Original Color

41.3940, 36.9481, 31.3356

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.7984, 37.4340, 37.5810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3940, 36.9481, 31.3356 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(206, 150, 144)` looks like.

```
.text, #text, p{  
    color:rgb(206, 150, 144)  
}
```

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(206, 150, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 150, 144) }
```

Border

The CSS property to change the border of an element to XYZ 41.3940, 36.9481, 31.3356 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(206, 150, 144) }
```


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

```
.border{ border-color:rgb(206, 150, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 150, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 150, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 150, 144);  
box-shadow:4px 4px 4px 4px rgb(206, 150,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3940, 36.9481, 31.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 150, 144) }
```

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

```
.background{ background-color: rgb(206,  
150, 144) }
```

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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