

Converting Colors

XYZ(41.1378, 39.4118, 33.6448)

Have a look what the booklet for
XYZ(41.1378, 39.4118, 33.6448)
contains.

XYZ(41.1161, 39.4982, 33.4738)	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(41.1161, 39.4982,
33.4738)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A194
RGB	197, 161, 148
RGB Percent	77%, 63%, 58%
CMY	0.2275, 0.3686, 0.4196
CMYK	0.00, 0.18, 0.25, 0.23
HSL	16°, 30%, 68%
HSV	16°, 25%, 77%
XYZ	41.1161, 39.4982, 33.4738
YIQ	170.2820, 25.6290, 3.5890

Conversions

Conversions Part 2

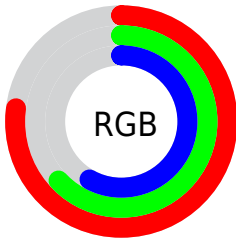
Format	Color
R _Y B	197, 166, 148
Decimal	12951956
CIE Lab	69.11, 11.29, 11.76
CIE LCh	69, 16.303, 46.164
Yxy	39.4982, 0.3604, 0.3462
Android (android.graphics.Color)	4291142036 (0xFFC5A194)
YUV	170.2820, -10.9850, 23.4317
Hunter-Lab	62.8476, 6.7948, 12.4144

Details

The XYZ color **41.1161, 39.4982, 33.4738** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.4307, 44.6067, 59.3552**, and the grayscale version is **38.3942, 40.3937, 43.9887**.

A 20% lighter version of the original color is **76.0896, 74.4468, 66.2364**, and **18.7816, 17.5511, 13.7071** is the 20% darker color. If you saturate the color by 10%, you get **37.3034, 34.1594, 25.1535**, and if you desaturate by 10%, it is **45.4890, 45.5323, 43.2911**.

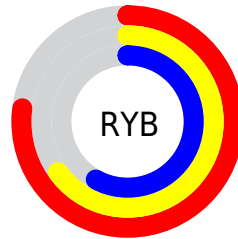
Distribution



Red (77%)

Green (63%)

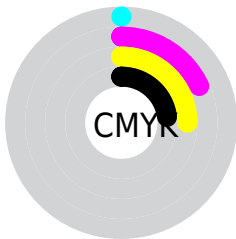
Blue (58%)



Red (77%)

Yellow (65%)

Blue (58%)

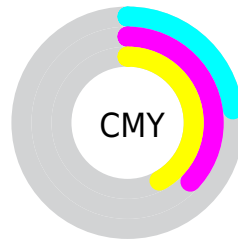


Cyan (0%)

Magenta (18%)

Yellow (25%)

Black (23%)



Cyan (23%)


Magenta (37%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1161, 39.4982, 33.4738 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 41.1161, 39.4982, 33.4738 by changing the saturation by 10% instead.


 41.1161, 39.4982,
33.4738


 41.1161, 39.4982,
33.4738


341.8599,
344.0040, 332.4766

 28.5979, 27.1475,
22.2156


 76.1337, 74.3988,
66.2391

 18.9196, 17.6840,
13.8156


 99.3638, 97.7175,
88.5832

 11.7158, 10.7234,
7.8552


126.8952,
125.4609, 115.4596

 6.6213, 5.8812,
3.9160

159.0934,
158.0136, 147.2870

 3.2706, 2.7729,
1.5794

196.3235,
195.7599, 184.4839

 1.2984, 1.0144,
0.2760

238.9511,

 0.1821, 0.0000,

239.0841, 227.4687

0.0000

287.3415,
288.3707, 276.6601

■ 0.0000, 0.0000,
0.0000

■ 41.1161, 39.4982,
33.4738

■ 41.1161, 39.4982,
33.4738

■ 37.3034, 34.1594,
25.1535

■ 45.4890, 45.5323,
43.2911

■ 34.0245, 29.4851,
18.2536

■ 50.4410, 52.2801,
54.6718

■ 31.2552, 25.4504,
12.6945

■ 55.9938, 59.7662,
67.6812

■ 28.9684, 22.0265,
8.3877

■ 62.1671, 68.0123,
82.3804

■ 27.1340, 19.1823,
5.2339

■ 68.9797, 77.0392,
98.8271

■ 25.7182, 16.8839,
3.1184

■ 74.5930, 86.1243,
107.2999

■ 24.6817, 15.0931,
1.9025

■ 76.8360, 90.6103,
108.0476

■ 24.2666, 14.3516,
1.4911

Harmonies

Analogous

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



42.5571, 39.4982, 39.1386



41.1161, 39.4982, 33.4738



38.7515, 39.4982, 30.5362

Triad

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



41.1161, 39.4982, 33.4738



32.8887, 39.4982, 39.6692



38.9525, 39.4982, 58.2955

Complementary

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



41.1161, 39.4982, 33.4738



39.4307, 44.6067, 59.3552

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.



36.3576, 39.4982, 58.4803



41.1161, 39.4982, 33.4738



32.9370, 39.4982, 47.1219

Square

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



41.1161, 39.4982, 33.4738



34.0461, 39.4982, 33.8235



34.1810, 39.4982, 54.1970



41.2691, 39.4982, 53.7180

Rectangle

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



41.1161, 39.4982, 33.4738



37.0070, 39.4982, 30.2719



34.1810, 39.4982, 54.1970



38.0818, 39.4982, 58.8900

Sweetspot

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



41.1172, 39.5000, 33.4746



88.2666, 90.8203, 93.1136



42.3467, 36.5428, 50.5825



18.7729, 19.2766, 19.6536



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.



41.1172, 39.5000, 33.4746



69.7042, 65.2505, 51.3040



45.6682, 48.6021, 34.9916



10.8590, 11.0872, 11.1305



16.0205, 9.5582, 1.0005



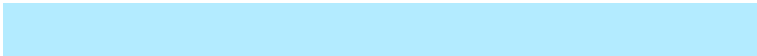
0.8200, 0.5754, 0.0678

Inverse Universe

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



39.4307, 44.6067, 59.3552



66.1469, 75.9879, 105.7886



34.9054, 35.5559, 57.8467



10.6994, 11.5728, 13.5874



13.3318, 16.0576, 37.1411



0.6883, 0.8744, 1.7776

Previews

White Background



This preview shows how the XYZ color 41.1161, 39.4982, 33.4738 looks on a white background.

Color Contrast Check

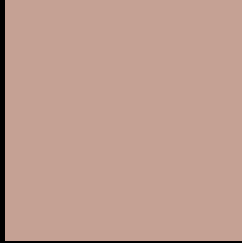
Large Text (above 18pt) WCAG AA × Fail

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 41.1161, 39.4982, 33.4738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

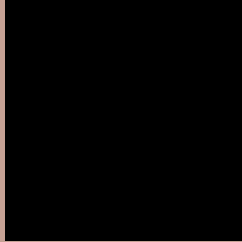
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1161, 39.4982, 33.4738

Background



This preview shows how black text looks on a background with the XYZ color 41.1161, 39.4982, 33.4738.



This preview shows how white text looks on a background with the XYZ color 41.1161, 39.4982,

33.4738.

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

41.1161, 39.4982, 33.4738

Protanopia

37.5746, 39.5024, 35.3501

Deuteranopia

40.4348, 39.6700, 33.5429



Tritanopia

43.3020, 39.6354, 43.3983

Trichromacy



Original Color

41.1161, 39.4982, 33.4738

Protanomaly

38.8082, 39.3350, 34.8252

Deuteranomaly

40.5138, 39.4481, 33.4959

Tritanomaly

42.4729, 39.5470, 39.5772

Monochromacy



Original Color

41.1161, 39.4982, 33.4738

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.1627, 39.9494, 39.8293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1161, 39.4982, 33.4738 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, 161, 148)` looks like.

```
.text, #text, p{  
    color:rgb(197, 161, 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(197, 161, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 161, 148) }
```

Border

The CSS property to change the border of an element to XYZ 41.1161, 39.4982, 33.4738 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, 161, 148) }
```


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

```
.border{ border-color:rgb(197, 161, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 161, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 161, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 161, 148);  
box-shadow:4px 4px 4px 4px rgb(197, 161,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1161, 39.4982, 33.4738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 161, 148) }
```

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

```
.background{ background-color: rgb(197,  
161, 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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