

Converting Colors

XYZ(38.3035, 32.4705, 33.4838)

Have a look what the booklet for
XYZ(38.3035, 32.4705, 33.4838)
contains.

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Color

**XYZ(38.3510, 32.4050,
33.5116)**

Conversions

Conversions Part 1

Format	Color
Hex	C88997
RGB	200, 137, 151
RGB Percent	78%, 54%, 59%
CMY	0.2157, 0.4627, 0.4078
CMYK	0.00, 0.31, 0.24, 0.22
HSL	347°, 36%, 66%
HSV	347°, 31%, 78%
XYZ	38.3510, 32.4050, 33.5116
YIQ	157.4330, 33.0540, 17.7100

Conversions

Conversions Part 2

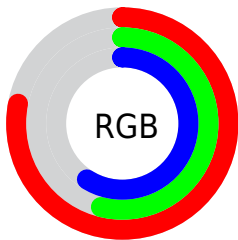
Format	Color
R_{YB}	200, 137, 151
Decimal	13142423
CIE _{Lab}	63.68, 26.04, 2.34
CIE _{LCh}	64, 26.146, 5.133
Yxy	32.4050, 0.3678, 0.3108
Android (android.graphics.Color)	4291332503 (0xFFC88997)
YUV	157.4330, -3.1715, 37.3313
Hunter-Lab	56.9254, 20.6372, 4.9441

Details

The XYZ color **38.3510, 32.4050, 33.5116** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.8351, 50.1729, 54.0417**, and the grayscale version is **32.2470, 33.9264, 36.9458**.

A 20% lighter version of the original color is **70.8902, 62.9294, 66.1679**, and **17.3051, 13.5954, 13.7687** is the 20% darker color. If you saturate the color by 10%, you get **34.5859, 26.7649, 26.4293**, and if you desaturate by 10%, it is **42.8116, 39.1687, 41.6490**.

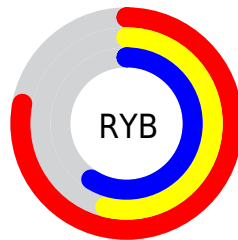
Distribution



Red (78%)

Green (54%)

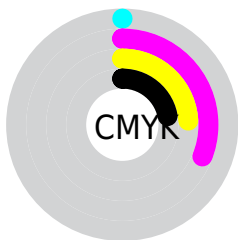
Blue (59%)



Red (78%)

Yellow (54%)

Blue (59%)

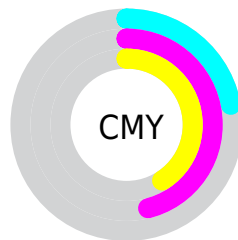


Cyan (0%)

Magenta (31%)

Yellow (24%)

Black (22%)



Cyan (22%)


Magenta (46%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3510, 32.4050, 33.5116 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 38.3510, 32.4050, 33.5116 by changing the saturation by 10% instead.


 38.3510, 32.4050,
33.5116


 38.3510, 32.4050,
33.5116


330.3782,
312.9600, 332.6512


 26.4337, 21.6710,
22.2443


 71.9462, 63.4455,
66.2986

 17.2827, 13.6154,
13.8365

 94.3549, 84.5207,
88.6555

 10.5328, 7.8536,
7.8696

 120.9913,
109.8119, 115.5459

 5.8186, 4.0014,
3.9250

152.2209,
139.7034, 147.3885

 2.7747, 1.6744,
1.5843

188.4091,
174.5795, 184.6018

 1.0358, 0.4070,
0.2796

229.9211,

 0.0000, 0.0000,

214.8248, 227.6043

0.0000

277.1223,
260.8235, 276.8146

■ 38.3510, 32.4050,
33.5116

■ 38.3510, 32.4050,
33.5116

■ 34.5859, 26.7649,
26.4293

■ 42.8116, 39.1687,
41.6490

■ 31.4781, 22.1830,
20.3563

■ 47.9980, 47.1078,
50.8807

■ 28.9893, 18.5941,
15.2462

■ 53.9420, 56.2762,
61.2464

■ 27.0766, 15.9236,
11.0481

■ 60.6728, 66.7234,
72.7831

■ 25.6911, 14.0868,
7.7063

■ 68.2179, 78.4958,
85.5262

■ 24.7752, 12.9825,
5.1581

■ 75.9604, 90.3518,
99.2951

■ 24.2824, 12.4646,
3.5521

■ 77.6296, 91.0194,
108.0847

Harmonies

Analogous

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



37.6333, 32.4050, 44.4515



38.3510, 32.4050, 33.5116



36.9186, 32.4050, 24.9133

Triad

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



38.3510, 32.4050, 33.5116



26.9265, 32.4050, 21.2390



27.9356, 32.4050, 56.9002

Complementary

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



38.3510, 32.4050, 33.5116



39.8351, 50.1729, 54.0417

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.



25.3978, 32.4050, 48.1935



38.3510, 32.4050, 33.5116



24.8483, 32.4050, 27.4717

Square

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



38.3510, 32.4050, 33.5116



30.1749, 32.4050, 18.7813



24.3115, 32.4050, 37.1169



31.4336, 32.4050, 59.3932

Rectangle

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



38.3510, 32.4050, 33.5116



34.9990, 32.4050, 21.2007



24.3115, 32.4050, 37.1169



26.9510, 32.4050, 54.5289

Sweetspot

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



38.3519, 32.4065, 33.5123



85.4185, 85.1245, 92.1635



39.4522, 32.4147, 58.8212



17.9722, 17.7418, 19.1811



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.



38.3519, 32.4065, 33.5123



61.6844, 49.0280, 49.1942



39.8585, 37.1322, 28.7352



10.7288, 10.6749, 11.5549



15.4677, 7.9366, 2.4066



0.7606, 0.3871, 0.2624

Inverse Universe

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



38.3519, 32.4065, 33.5123



61.6844, 49.0280, 49.1942



37.7178, 43.4392, 61.0406



10.7288, 10.6749, 11.5549



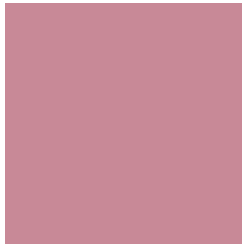
15.4677, 7.9366, 2.4066



0.7606, 0.3871, 0.2624

Previews

White Background



This preview shows how the XYZ color 38.3510, 32.4050, 33.5116 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 38.3510, 32.4050, 33.5116 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 38.3510, 32.4050, 33.5116

Background



This preview shows how black text looks on a background with the XYZ color 38.3510, 32.4050, 33.5116.



This preview shows how white text looks on a background with the XYZ color 38.3510, 32.4050,

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

38.3510, 32.4050, 33.5116

Protanopia

31.6989, 32.7523, 38.3693

Deuteranopia

33.1855, 32.4355, 32.9454



Tritanopia

38.2532, 32.5944, 32.2922

Trichromacy



Original Color

38.3510, 32.4050, 33.5116

Protanomaly

33.6890, 32.3848, 36.3736

Deuteranomaly

34.9218, 32.3979, 33.2670

Tritanomaly

38.3327, 32.6262, 32.7109

Monochromacy



Original Color

38.3510, 32.4050, 33.5116

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

34.0563, 33.0635, 35.5973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3510, 32.4050, 33.5116 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(200, 137, 151)` looks like.

```
.text, #text, p{  
    color:rgb(200, 137, 151)  
}
```

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(200, 137, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 137, 151) }
```

Border

The CSS property to change the border of an element to XYZ 38.3510, 32.4050, 33.5116 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(200, 137, 151) }
```


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

```
.border{ border-color:rgb(200, 137, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 137, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 137, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 137, 151);  
box-shadow:4px 4px 4px 4px rgb(200, 137,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3510, 32.4050, 33.5116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 137, 151) }
```

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

```
.background{ background-color: rgb(200,  
137, 151) }
```

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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