

Converting Colors

YUV(158.1870, -16.8542,
39.3010)

Have a look what the booklet for
YUV(158.1870, -16.8542, 39.3010)
contains.

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Color

**YUV(158.1870, -16.8542,
39.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8E7C
RGB	203, 142, 124
RGB Percent	80%, 56%, 49%
CMY	0.2039, 0.4431, 0.5137
CMYK	0.00, 0.30, 0.39, 0.20
HSL	14°, 43%, 64%
HSV	14°, 39%, 80%
XYZ	37.9397, 33.4977, 23.5349
YIQ	158.1870, 42.1340, 7.3340

Conversions

Conversions Part 2

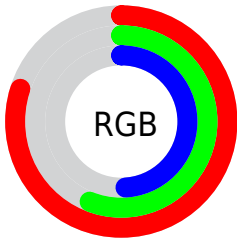
Format	Color
R _{YB}	203, 147, 124
Decimal	13340284
CIE Lab	64.56, 20.90, 18.87
CIE LCh	65, 28.158, 42.085
Yxy	33.4977, 0.3995, 0.3527
Android (android.graphics.Color)	4291530364 (0xFFCB8E7C)
YUV	158.1870, -16.8542, 39.3010
Hunter-Lab	57.8772, 15.7252, 16.4047

Details

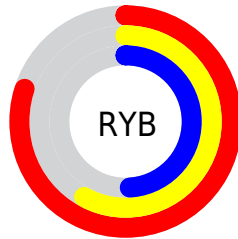
The YUV color **158.1870, -16.8542, 39.3010** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **168.8130, 16.8542, -39.3010**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.4750, -16.9962, 38.1714**, and **105.9200, -15.2436, 36.0272** is the 20% darker color. If you saturate the color by 10%, you get **146.5150, -20.9599, 49.5373**, and if you desaturate by 10%, it is **169.8590, -12.7485, 29.0647**.

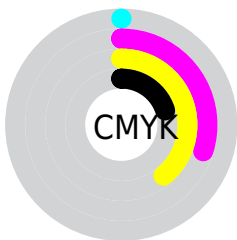
Distribution



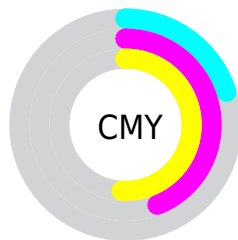
- Red (80%)
- Green (56%)
- Blue (49%)



- Red (80%)
- Yellow (58%)
- Blue (49%)



- Cyan (0%)
- Magenta (30%)
- Yellow (39%)
- Black (20%)



- Cyan (20%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.1870, -16.8542, 39.3010 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 YUV color 158.1870, -16.8542, 39.3010 by changing the saturation by 10% instead.

■ 158.1870,
-16.8542, 39.3010

■ 158.1870,
-16.8542, 39.3010

■ 255.0000, 0.0000,
0.0000

■ 131.7030,
-16.1226, 37.9715

■ 211.4750,
-16.9962, 38.1714

■ 105.9200,
-15.2436, 36.0272

■ 230.9890,
-13.3056, 21.0576

■ 81.1370, -14.3645,
34.0829

■ 251.2040, -9.4676,
3.3291

■ 57.1690, -12.9013,
31.4238

■ 34.1580, -12.8959,
29.6794

■ 12.8570, -6.3385,
26.4354

■ 0.0000, 0.0000,

0.0000

■ 158.1870,
-16.8542, 39.3010

■ 158.1870,
-16.8542, 39.3010

■ 146.5150,
-20.9599, 49.5373

■ 169.8590,
-12.7485, 29.0647

■ 135.3160,
-25.7918, 59.3589

■ 181.0580, -7.9166,
19.2431

■ 123.6440,
-29.8975, 69.5952

■ 192.7300, -3.8109,
9.0068

■ 111.9720,
-34.0032, 79.8316

■ 204.4020, 0.2948,
-1.2296

■ 100.7730,
-38.8351, 89.6531

■ 215.6010, 5.1267,
-11.0511

■ 89.1010, -42.9408,
99.8894

■ 227.2730, 9.2324,
-21.2874

■ 87.6990, -43.2356,
101.1190

■ 237.6910, 8.5333,
-30.4240

■ 239.4520, 7.6652,
-31.9684

Harmonies

Analogous

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



159.6570, -6.2399, 41.5198



158.1870, -16.8542, 39.3010



156.6880, -23.5102, 27.4606

Triad

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



158.1870, -16.8542, 39.3010



147.1560, -3.5279, -35.2168



155.9160, 24.1984, -14.8353

Complementary

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



158.1870, -16.8542, 39.3010



168.8130, 16.8542, -39.3010

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.



149.4350, 26.9005, -41.6005



158.1870, -16.8542, 39.3010



143.8190, 10.9352, -54.2153

Square

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



158.1870, -16.8542, 39.3010



151.0850, -15.8179, -13.2295



143.7720, 22.2974, -58.5590



160.1320, 16.6969, 11.2852

Rectangle

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



158.1870, -16.8542, 39.3010



155.3830, -24.3458, 15.4501



143.7720, 22.2974, -58.5590



153.9040, 25.6833, -24.4718

Sweetspot

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



158.1870, -16.8542, 39.3010



237.3780, -6.5954, 15.4545



154.6890, 15.4363, 42.3687



117.7300, -3.8109, 9.0068



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



158.1870, -16.8542, 39.3010



186.7290, -25.5024, 59.8737



181.0800, -28.1404, 19.2238



96.1640, -2.0529, 5.1182



71.9400, -35.4664, 82.4906



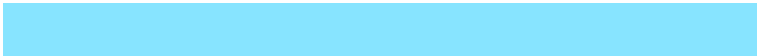
16.6450, -8.2060, 18.7283

Inverse Universe

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



168.8130, 16.8542, -39.3010



203.2710, 25.5024, -59.8737



145.9200, 28.1404, -19.2238



97.8360, 2.0529, -5.1182



94.0600, 35.4664, -82.4906



21.9420, 7.9166, -19.2431

Previews

White Background



This preview shows how the YUV color 158.1870, -16.8542, 39.3010 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 YUV color 158.1870, -16.8542, 39.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

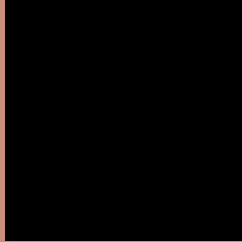
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.1870, -16.8542, 39.3010

Background



This preview shows how black text looks on a background with the YUV color 158.1870, -16.8542, 39.3010.



This preview shows how white text looks on a background with the YUV color 158.1870, -16.8542, 39.3010.

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

158.1870, -16.8542, 39.3010

Protanopia

156.7270, -12.6834, 8.1324

Deuteranopia

157.5610, -17.5316, 23.1870



Tritanopia

159.2870, -5.0715, 40.0903

Trichromacy



Original Color

158.1870, -16.8542, 39.3010

Protanomaly

157.3370, -14.4631, 18.9985

Deuteranomaly

158.0070, -17.2585, 28.9349

Tritanomaly

158.5490, -9.1447, 39.8605

Monochromacy



Original Color

158.1870, -16.8542, 39.3010

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8940, -5.8637, 14.1250

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.1870, -16.8542, 39.3010 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(203, 142, 124)` looks like.

```
.text, #text, p{  
    color:rgb(203, 142, 124)  
}
```

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(203, 142, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 142, 124) }
```

Border

The CSS property to change the border of an element to YUV 158.1870, -16.8542, 39.3010 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(203, 142, 124) }
```


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

```
.border{ border-color:rgb(203, 142, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 142, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 142, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 142, 124);  
box-shadow:4px 4px 4px 4px rgb(203, 142,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 158.1870, -16.8542, 39.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 142, 124) }
```

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

```
.background{ background-color: rgb(203,  
142, 124) }
```

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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