

Converting Colors

YUV(189.9510, -15.7518,
12.3210)

Have a look what the booklet for
YUV(189.9510, -15.7518, 12.3210)
contains.

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Color

**YUV(189.9510, -15.7518,
12.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBD9E
RGB	204, 189, 158
RGB Percent	80%, 74%, 62%
CMY	0.2000, 0.2588, 0.3804
CMYK	0.00, 0.07, 0.23, 0.20
HSL	40°, 31%, 71%
HSV	40°, 23%, 80%
XYZ	49.2710, 51.7012, 39.7302
YIQ	189.9510, 18.8910, -6.4610

Conversions

Conversions Part 2

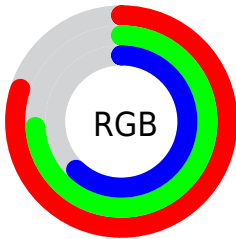
Format	Color
R_{YB}	180, 204, 158
Decimal	13417886
CIE Lab	77.10, 0.36, 17.60
CIE LCh	77, 17.607, 88.844
Yxy	51.7012, 0.3502, 0.3675
Android (android.graphics.Color)	4291607966 (0xFFCCBD9E)
YUV	189.9510, -15.7518, 12.3210
Hunter-Lab	71.9035, -3.5163, 17.5719

Details

The YUV color **189.9510, -15.7518, 12.3210** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **172.0490, 15.7518, -12.3210**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.3420, -15.4516, 9.3471**, and **136.5810, -14.5834, 10.8915** is the 20% darker color. If you saturate the color by 10%, you get **183.5620, -22.4621, 17.9241**, and if you desaturate by 10%, it is **196.3400, -9.0416, 6.7178**.

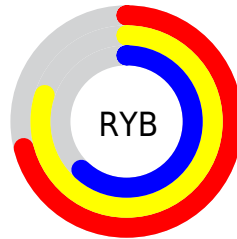
Distribution



Red (80%)

Green (74%)

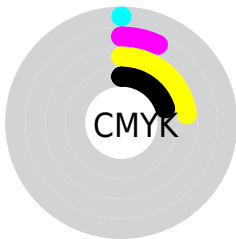
Blue (62%)



Red (71%)

Yellow (80%)

Blue (62%)

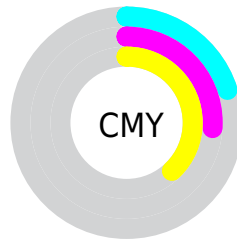


Cyan (0%)

Magenta (7%)

Yellow (23%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.9510, -15.7518, 12.3210 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 189.9510, -15.7518, 12.3210 by changing the saturation by 10% instead.

■ 189.9510,
-15.7518, 12.3210

■ 189.9510,
-15.7518, 12.3210

255.0000, 0.0000,
0.0000

■ 162.7660,
-15.1676, 11.6062

■ 244.3420,
-15.4516, 9.3471

■ 136.5810,
-14.5834, 10.8915

■ 253.4040, -6.1152,
1.3997

■ 110.6950,
-14.1466, 10.7915

■ 86.5100, -13.5624,
10.0767

■ 63.3250, -12.9782,
9.3620

■ 40.8410, -12.2466,
8.0324

■ 20.9980, -10.3520,

7.0178

■ 0.0000, 0.0000,
0.0000

■ 189.9510,
-15.7518, 12.3210

■ 189.9510,
-15.7518, 12.3210

■ 183.5620,
-22.4621, 17.9241

■ 196.3400, -9.0416,
6.7178

■ 177.6460,
-29.8985, 23.1125

■ 202.2560, -1.6052,
1.5295

■ 171.2570,
-36.6087, 28.7156

■ 208.6450, 5.1050,
-4.0737

■ 164.7540,
-43.7557, 34.4187

■ 215.1480, 12.2520,
-9.7768

■ 158.9520,
-50.7553, 39.5071

■ 220.3800, 17.0677,
-14.3653

■ 152.5630,
-57.4656, 45.1102

■ 224.4890, 15.0419,
-17.9689

■ 146.0600,
-64.6126, 50.8134

■ 228.5980, 13.0162,
-21.5724

■ 141.4150,
-69.7176, 54.8870

■ 232.1200, 11.2798,
-24.6612

■ 236.2290, 9.2541,
-28.2648

Harmonies

Analogous

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



191.7720, -14.1846, 23.0020



189.9510, -15.7518, 12.3210



187.9600, -12.7983, -1.7189

Triad

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



189.9510, -15.7518, 12.3210



184.1360, 10.2860, -32.5683



193.5210, 6.6451, 15.3291

Complementary

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



189.9510, -15.7518, 12.3210



172.0490, 15.7518, -12.3210

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.



191.8550, 13.3825, 1.0042



189.9510, -15.7518, 12.3210



186.5370, 15.5113, -28.5349

Square

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



189.9510, -15.7518, 12.3210



184.6930, 2.1234, -27.7948



189.5540, 16.4889, -15.3949



193.3390, -0.6601, 25.1357

Rectangle

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



189.9510, -15.7518, 12.3210



186.9310, -8.8400, -11.3405



189.5540, 16.4889, -15.3949



193.1830, 9.2768, 11.2405

Sweetspot

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



189.9510, -15.7518, 12.3210



249.4260, -6.1260, 4.8884



173.4640, -0.2288, 26.7801



124.3980, -3.6472, 3.1590



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.



189.9510, -15.7518, 12.3210



234.2200, -23.7725, 18.2241



196.3640, -18.9135, -0.3192



99.0990, -3.4998, 2.5442



115.3780, -56.8814, 44.3955



26.6240, -13.1256, 9.9768

Inverse Universe

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



172.0490, 15.7518, -12.3210



207.3670, 23.4831, -18.7389



165.6360, 18.9135, 0.3192



94.9010, 3.4998, -2.5442



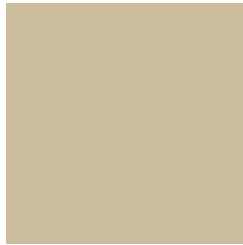
50.6220, 56.8814, -44.3955



11.3760, 13.1256, -9.9768

Previews

White Background



This preview shows how the YUV color 189.9510, -15.7518, 12.3210 looks on a white background.

Color Contrast Check

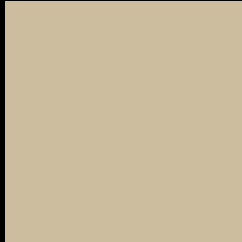
Large Text (above 18pt) WCAG AA × Fail

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 189.9510, -15.7518, 12.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

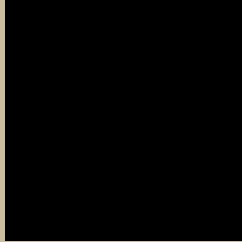
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

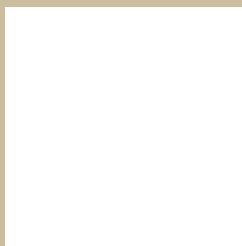
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.9510, -15.7518, 12.3210

Background



This preview shows how black text looks on a background with the YUV color 189.9510, -15.7518, 12.3210.



This preview shows how white text looks on a background with the YUV color 189.9510, -15.7518, 12.3210.

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

189.9510, -15.7518, 12.3210

Protanopia

189.6410, -15.5990, 9.9618

Deuteranopia

191.3270, -15.9372, 25.1462



Tritanopia

192.4840, 2.7194, 14.4845

Trichromacy



Original Color

189.9510, -15.7518, 12.3210

Protanomaly

189.9400, -15.7464, 10.5766

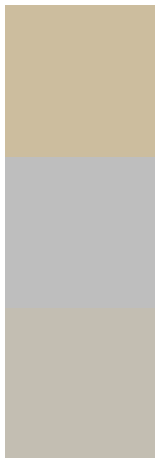
Deuteranomaly

190.7070, -15.6316, 20.4280

Tritanomaly

191.3500, -4.1165, 13.7251

Monochromacy



Original Color

189.9510, -15.7518, 12.3210

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.1270, -5.9786, 4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.9510, -15.7518, 12.3210 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(204, 189, 158)` looks like.

```
.text, #text, p{  
    color:rgb(204, 189, 158)  
}
```

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(204, 189, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 189, 158) }
```

Border

The CSS property to change the border of an element to YUV 189.9510, -15.7518, 12.3210 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(204, 189, 158) }
```


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

```
.border{ border-color:rgb(204, 189, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 189, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 189, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 189, 158);  
box-shadow:4px 4px 4px 4px rgb(204, 189,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 189.9510, -15.7518, 12.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 189, 158) }
```

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

```
.background{ background-color: rgb(204,  
189, 158) }
```

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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