

# Converting Colors

YUV(189.1180, -12.3832,  
5.1585)

Have a look what the booklet for  
YUV(189.1180, -12.3832, 5.1585)  
contains.

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# Color

**YUV(189.1180, -12.3832,  
5.1585)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3BFA4
RGB	195, 191, 164
RGB Percent	76%, 75%, 64%
CMY	0.2353, 0.2510, 0.3569
CMYK	0.00, 0.02, 0.16, 0.24
HSL	52°, 21%, 70%
HSV	52°, 16%, 76%
XYZ	47.8373, 51.5440, 42.5497
YIQ	189.1180, 11.0510, -7.5490

# Conversions

## Conversions Part 2

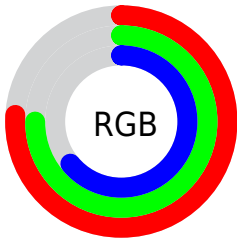
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	169, 195, 164
Decimal	12828580
CIE <sub>Lab</sub>	77.01, -3.17, 14.14
CIE <sub>LCh</sub>	77, 14.488, 102.647
Yxy	51.5440, 0.3370, 0.3632
Android (android.graphics.Color)	4291018660 (0xFFC3BFA4)
YUV	189.1180, -12.3832, 5.1585
Hunter-Lab	71.7942, -6.7031, 15.1170

# Details

The YUV color **189.1180, -12.3832, 5.1585** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **169.8820, 12.3832, -5.1585**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.3030, -12.9674, 5.8733**, and **135.9330, -11.7990, 4.4438** is the 20% darker color. If you saturate the color by 10%, you get **185.1910, -19.8142, 8.6025**, and if you desaturate by 10%, it is **193.1590, -4.5154, 1.6146**.

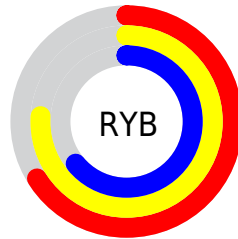
# Distribution



Red (76%)

Green (75%)

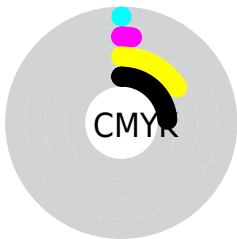
Blue (64%)



Red (66%)

Yellow (76%)

Blue (64%)

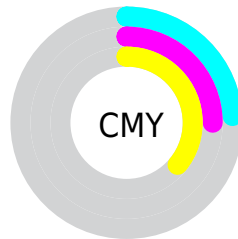


Cyan (0%)

Magenta (2%)

Yellow (16%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 189.1180, -12.3832, 5.1585 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 189.1180, -12.3832, 5.1585 by changing the saturation by 10% instead.



■ 189.1180,  
-12.3832, 5.1585

■ 189.1180,  
-12.3832, 5.1585

255.0000, 0.0000,  
0.0000

■ 162.2320,  
-11.9464, 5.0585

■ 245.3030,  
-12.9674, 5.8733

■ 135.9330,  
-11.7990, 4.4438

■ 254.2020, -3.0576,  
0.6998

■ 110.1610,  
-10.9254, 4.2438

■ 86.1610, -10.9254,  
4.2438

■ 62.9760, -10.3412,  
3.5290

■ 40.7910, -9.7570,  
2.8143

■ 20.3890, -10.0518,

4.0438

0.0000, 0.0000,  
0.0000

189.1180,  
-12.3832, 5.1585

189.1180,  
-12.3832, 5.1585

185.1910,  
-19.8142, 8.6025

193.1590, -4.5154,  
1.6146

181.7370,  
-27.9713, 11.6317

196.4990, 3.2050,  
-1.3146

177.8100,  
-35.4023, 15.0756

200.5400, 11.0728,  
-4.8586

174.3560,  
-43.5595, 18.1048

203.8800, 18.7932,  
-7.7878

170.4290,  
-50.9905, 21.5488

207.1230, 23.6034,  
-10.6319

■ 166.9750,  
-59.1477, 24.5779

■ 208.2970, 23.0246,  
-11.6615

■ 163.0480,  
-66.5787, 28.0219

■ 210.0580, 22.1564,  
-13.2059

■ 159.5940,  
-74.7358, 31.0511

■ 211.2320, 21.5776,  
-14.2355

■ 158.0950,  
-77.9408, 32.3657

■ 212.9930, 20.7095,  
-15.7799

# Harmonies

## Analogous

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



190.7710, -12.7051, 15.1098



189.1180, -12.3832, 5.1585



187.6650, -8.7088, -6.7222

# Triad

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



189.1180, -12.3832, 5.1585



186.2940, 10.7011, -25.6908



193.0930, 2.4192, 17.4584

# Complementary

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



189.1180, -12.3832, 5.1585



169.8820, 12.3832, -5.1585

# 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.



192.3350, 8.7088, 6.7222



189.1180, -12.3832, 5.1585



188.3210, 13.1527, -18.6985

# Square

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



189.1180, -12.3832, 5.1585



185.3990, 4.7333, -24.9059



190.2840, 12.6780, -6.3881



192.8180, -3.8543, 22.9616



# Rectangle

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



189.1180, -12.3832, 5.1585



186.6470, -4.7560, -14.5994



190.2840, 12.6780, -6.3881



193.0540, 4.9034, 13.9846

# Sweetspot

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



189.1180, -12.3832, 5.1585



250.0450, -4.9522, 1.7145



173.7250, -2.8224, 18.6582



126.5010, -3.2050, 1.3146



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.



189.1180, -12.3832, 5.1585



243.0060, -19.2300, 7.8877



188.1770, -11.9193, -3.6632



95.2730, -4.0786, 1.5146



130.3190, -64.2473, 26.9072



26.8900, -13.2568, 5.3585



# Inverse Universe

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



169.8820, 12.3832, -5.1585



213.5810, 18.9406, -8.4025



170.8230, 11.9193, 3.6632



88.7270, 4.0786, -1.5146



30.6810, 64.2473, -26.9072



6.1100, 13.2568, -5.3585



# Previews

## White Background



This preview shows how the YUV color 189.1180, -12.3832, 5.1585 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

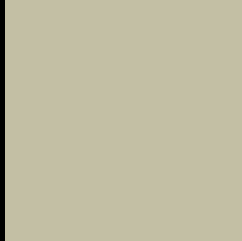
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 189.1180, -12.3832, 5.1585 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

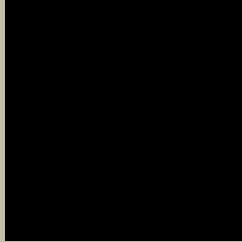
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

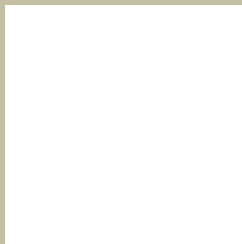
Any Text WCAG AAA ✓ Pass

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

# YUV 189.1180, -12.3832, 5.1585 Background



This preview shows how black text looks on a background with the YUV color 189.1180, -12.3832, 5.1585.



This preview shows how white text looks on a background with the YUV color 189.1180, -12.3832, 5.1585.



# 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

189.1180, -12.3832, 5.1585

### Protanopia

189.9120, -13.2676, 8.8472

### Deuteranopia

191.2280, -12.4374, 22.6020



## Tritanopia

191.7820, 4.0515, 7.2072

# Trichromacy



## Original Color

189.1180, -12.3832, 5.1585

## Protanomaly

189.3140, -12.9728, 7.6176

## Deuteranomaly

190.4830, -12.5631, 16.2394

## Tritanomaly

190.8760, -1.9109, 6.2477

# Monochromacy



## Original Color

189.1180, -12.3832, 5.1585

## Achromatopsia

189.0000, 0.0000, 0.0000

## Achromatomaly

189.1590, -4.5154, 1.6146

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 189.1180, -12.3832, 5.1585 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(195, 191, 164)` looks like.

```
.text, #text, p{  
    color:rgb(195, 191, 164)  
}
```

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(195, 191, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 191, 164) }
```

## Border

The CSS property to change the border of an element to YUV 189.1180, -12.3832, 5.1585 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(195, 191, 164) }
```



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

```
.border{ border-color:rgb(195, 191, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 191, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 191, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 191, 164);  
box-shadow:4px 4px 4px 4px rgb(195, 191,  
164) }
```

# Background

The CSS property to change the background color of an element to YUV 189.1180, -12.3832, 5.1585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 191, 164) }
```

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

```
.background{ background-color: rgb(195,  
191, 164) }
```

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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