

# Converting Colors

YUV(191.2890, -1.6215, 6.7625)

Have a look what the booklet for  
YUV(191.2890, -1.6215, 6.7625)  
contains.

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# Color

**YUV(191.2890, -1.6215,  
6.7625)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7BCBC
RGB	199, 188, 188
RGB Percent	78%, 74%, 74%
CMY	0.2196, 0.2627, 0.2627
CMYK	0.00, 0.06, 0.06, 0.22
HSL	0°, 9%, 76%
HSV	0°, 6%, 78%
XYZ	50.6135, 51.7394, 54.8960
YIQ	191.2890, 6.5560, 2.3320

# Conversions

## Conversions Part 2

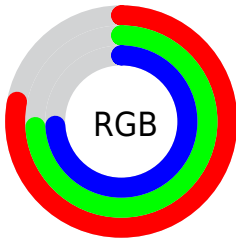
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 188, 188
Decimal	13089980
CIE Lab	77.12, 3.87, 1.38
CIE LCh	77, 4.110, 19.608
Yxy	51.7394, 0.3219, 0.3290
Android (android.graphics.Color)	4291280060 (0xFFC7BCBC)
YUV	191.2890, -1.6215, 6.7625
Hunter-Lab	71.9301, -0.2764, 5.1018

# Details

The YUV color  $191.2890, -1.6215, 6.7625$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $195.7110, 1.6215, -6.7625$ , and the grayscale version is  $191.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.2890, -1.6215, 6.7625$ , and  $137.9900, -1.4741, 6.1478$  is the 20% darker color. If you saturate the color by 10%, you get  $177.2690, -4.5696, 19.0581$ , and if you desaturate by 10%, it is  $205.3090, 1.3267, -5.5330$ .

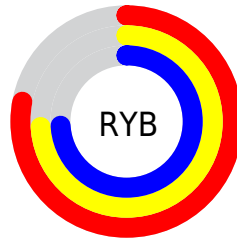
# Distribution



Red (78%)

Green (74%)

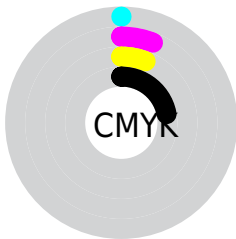
Blue (74%)



Red (78%)

Yellow (74%)

Blue (74%)

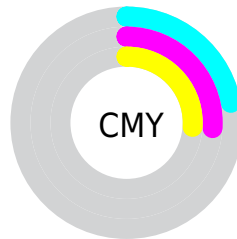


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 191.2890, -1.6215, 6.7625 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 191.2890, -1.6215, 6.7625 by changing the saturation by 10% instead.



■ 191.2890, -1.6215,  
6.7625

■ 191.2890, -1.6215,  
6.7625

255.0000, 0.0000,  
0.0000

■ 164.2890, -1.6215,  
6.7625

■ 247.2890, -1.6215,  
6.7625

■ 137.9900, -1.4741,  
6.1478

■ 112.6910, -1.3267,  
5.5330

■ 87.9900, -1.4741,  
6.1478

■ 64.6910, -1.3267,  
5.5330

■ 42.6910, -1.3267,  
5.5330

■ 22.3920, -1.1793,

4.9182

0.0000, 0.0000,  
0.0000

191.2890, -1.6215,  
6.7625

191.2890, -1.6215,  
6.7625

177.2690, -4.5696,  
19.0581

205.3090, 1.3267,  
-5.5330

163.2490, -7.5178,  
31.3536

219.3290, 4.2748,  
-17.8285

149.2290,  
-10.4659, 43.6492

233.3490, 7.2229,  
-30.1241

135.2090,  
-13.4140, 55.9447

238.2560, 8.2548,  
-34.4275

121.8900,  
-16.2148, 67.6255

■ 107.8700,  
-19.1629, 79.9210

■ 93.8500, -22.1110,  
92.2166

■ 79.8300, -25.0592,  
104.5121

■ 65.8100, -28.0073,  
116.8076

# Harmonies

## Analogous

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



191.4460, 0.2731, 5.7479



191.2890, -1.6215, 6.7625



191.2350, -3.0739, 5.9329

# Triad

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



191.2890, -1.6215, 6.7625



189.7070, -2.3206, -2.3740



190.0040, 3.9420, -4.3885

# Complementary

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



191.2890, -1.6215, 6.7625



195.7110, 1.6215, -6.7625

# 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.



189.4660, 3.2213, -6.5477



191.2890, -1.6215, 6.7625



189.5540, -0.2731, -5.7479

# Square

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



191.2890, -1.6215, 6.7625



190.0880, -3.4944, 0.7998



189.4120, 1.7689, -7.3773



190.9120, 3.4944, -0.7998



# Rectangle

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



191.2890, -1.6215, 6.7625



190.4090, -3.6526, 4.9033



189.4120, 1.7689, -7.3773



190.1780, 3.3632, -5.4181

# Sweetspot

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



191.2890, -1.6215, 6.7625



251.4950, -0.7370, 3.0739



192.5430, 3.1833, 5.6628



125.8970, -0.4422, 1.8443



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.



191.2890, -1.6215, 6.7625



242.3820, -2.6533, 11.0660



194.8110, -3.3578, 3.6738



93.3920, -1.1793, 4.9182



48.7370, -24.0273, 100.2087



10.7640, -5.3067, 22.1320



# Inverse Universe

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



195.7110, 1.6215, -6.7625



249.6180, 2.6533, -11.0660



192.7760, 3.0684, -4.1886



96.6080, 1.1793, -4.9182



114.2630, 24.0273, -100.2087



25.2360, 5.3067, -22.1320



# Previews

## White Background



This preview shows how the YUV color 191.2890, -1.6215, 6.7625 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

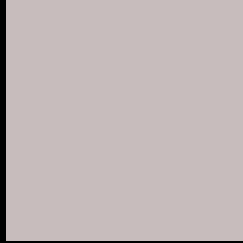
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 191.2890, -1.6215, 6.7625 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

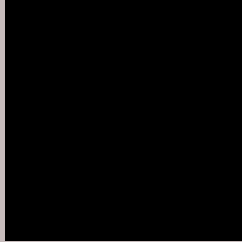
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 191.2890, -1.6215, 6.7625

## Background



This preview shows how black text looks on a background with the YUV color 191.2890, -1.6215, 6.7625.



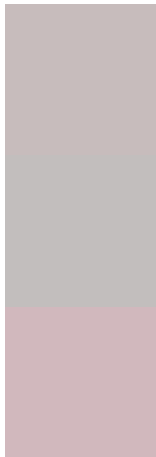
This preview shows how white text looks on a background with the YUV color 191.2890, -1.6215,

6.7625.

# 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

191.2890, -1.6215, 6.7625

### Protanopia

191.0820, -1.0264, 2.5591

### Deuteranopia

192.0450, -1.5012, 14.8695



## Tritanopia

192.1950, 4.3409, 7.7220

# Trichromacy



## Original Color

191.2890, -1.6215, 6.7625

## Protanomaly

191.0930, -1.0318, 4.3034

## Deuteranomaly

191.4360, -1.2009, 11.8956

## Tritanomaly

191.9130, 2.0149, 7.0923

# Monochromacy



## Original Color

191.2890, -1.6215, 6.7625

## Achromatopsia

191.0000, 0.0000, 0.0000

## Achromatomaly

191.1960, -0.5896, 2.4591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 191.2890, -1.6215, 6.7625 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(199, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(199, 188, 188)  
}
```

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(199, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 188, 188) }
```

## Border

The CSS property to change the border of an element to YUV 191.2890, -1.6215, 6.7625 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(199, 188, 188) }
```



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

```
.border{ border-color:rgb(199, 188, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(199, 188,  
188) }
```

# Background

The CSS property to change the background color of an element to YUV 191.2890, -1.6215, 6.7625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 188, 188) }
```

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

```
.background{ background-color: rgb(199,  
188, 188) }
```

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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