

# Converting Colors

YUV(153.2770, -6.5456,  
46.2381)

Have a look what the booklet for  
YUV(153.2770, -6.5456, 46.2381)  
contains.

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# Color

**YUV(153.2770, -6.5456,  
46.2381)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE818C
RGB	206, 129, 140
RGB Percent	81%, 51%, 55%
CMY	0.1922, 0.4941, 0.4510
CMYK	0.00, 0.37, 0.32, 0.19
HSL	351°, 44%, 66%
HSV	351°, 37%, 81%
XYZ	38.0375, 30.7158, 28.7349
YIQ	153.2770, 42.3610, 19.7450

# Conversions

## Conversions Part 2

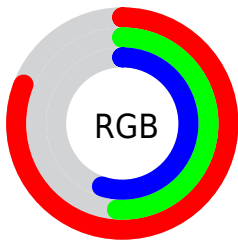
Format	Color
R <sub>Y</sub> B	206, 129, 140
Decimal	13533580
CIE Lab	62.27, 31.11, 6.66
CIE LCh	62, 31.810, 12.080
Yxy	30.7158, 0.3902, 0.3151
Android (android.graphics.Color)	4291723660 (0xFFCE818C)
YUV	153.2770, -6.5456, 46.2381
Hunter-Lab	55.4218, 25.5212, 8.0548

# Details

The YUV color **153.2770, -6.5456, 46.2381** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **181.7230, 6.5456, -46.2381**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6680, -6.2453, 43.2642**, and **100.8960, -5.3717, 43.0642** is the 20% darker color. If you saturate the color by 10%, you get **138.8980, -8.3307, 58.8485**, and if you desaturate by 10%, it is **167.6560, -4.7604, 33.6277**.

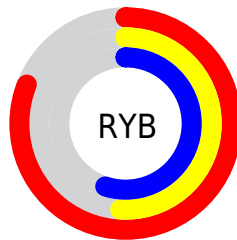
# Distribution



Red (81%)

Green (51%)

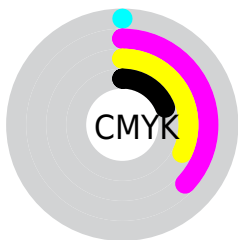
Blue (55%)



Red (81%)

Yellow (51%)

Blue (55%)

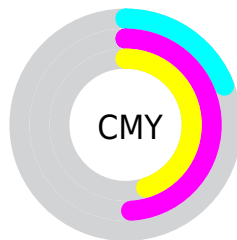


Cyan (0%)

Magenta (37%)

Yellow (32%)

Black (19%)



Cyan (19%)

Magenta (49%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 153.2770, -6.5456, 46.2381 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 153.2770, -6.5456, 46.2381 by changing the saturation by 10% instead.




 153.2770, -6.5456,  
46.2381

 153.2770, -6.5456,  
46.2381


255.0000, 0.0000,  
0.0000


 126.7930, -5.8139,  
44.9085


 205.6680, -6.2453,  
43.2642


 100.8960, -5.3717,  
43.0642


 225.2960, -2.1179,  
26.0504

 75.8140, -4.3453,  
40.5051

 245.0380, 2.4463,  
8.7367

 51.4440, -3.1769,  
39.0756

 26.0140, -0.9929,  
38.5757

 14.0530, -6.9281,  
28.8945

 0.0000, 0.0000,

0.0000

■ 153.2770, -6.5456,  
46.2381

■ 153.2770, -6.5456,  
46.2381

■ 138.8980, -8.3307,  
58.8485

■ 167.6560, -4.7604,  
33.6277

■ 125.2200, -9.9685,  
70.8441

■ 181.3340, -3.1227,  
21.6321

■ 110.8410,  
-11.7536, 83.4544

■ 195.7130, -1.3375,  
9.0217

■ 97.0490, -13.8282,  
95.5500

■ 209.5050, 0.7370,  
-3.0739

■ 82.7840, -15.1765,  
108.0604

■ 223.7700, 2.0854,  
-15.5843

■ 68.4050, -16.9617,  
120.6708

■ 238.1490, 3.8705,  
-28.1947

■ 64.9000, -17.6987,  
123.7447

■ 240.3490, 7.2229,  
-30.1241

# Harmonies

## Analogous

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



154.4680, 7.1643, 35.5466



153.2770, -6.5456, 46.2381



151.7530, -18.6122, 43.1896

# Triad

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



153.2770, -6.5456, 46.2381



144.2050, -17.8491, -15.0888



141.1180, 31.0008, -50.0925

# Complementary

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



153.2770, -6.5456, 46.2381



181.7230, 6.5456, -46.2381

# 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.



131.9380, 27.1456, -73.6136



153.2770, -6.5456, 46.2381



139.7100, -3.8010, -40.9647

# Square

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



153.2770, -6.5456, 46.2381



147.2960, -25.7819, 9.3874



133.1380, 13.7360, -65.8960



149.4040, 27.4088, -17.8943



# Rectangle

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



153.2770, -6.5456, 46.2381



150.8030, -24.5529, 35.2528



133.1380, 13.7360, -65.8960



137.3510, 30.8860, -59.9438

# Sweetspot

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



153.2770, -6.5456, 46.2381



235.8280, -2.3802, 16.8138



157.2130, 24.0520, 32.2622



116.3110, -1.6323, 10.2513



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.



153.2770, -6.5456, 46.2381



176.3230, -9.5262, 68.9997



167.8720, -19.1639, 33.4383



95.1040, -1.0373, 6.0478



52.3700, -13.9864, 99.6535



11.9320, -3.4175, 22.8616



# Inverse Universe

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



153.2770, -6.5456, 46.2381



176.3230, -9.5262, 68.9997



167.1280, 19.1639, -33.4383



95.1040, -1.0373, 6.0478



52.3700, -13.9864, 99.6535



11.9320, -3.4175, 22.8616



# Previews

## White Background



This preview shows how the YUV color 153.2770, -6.5456, 46.2381 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

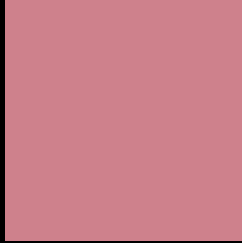
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 153.2770, -6.5456, 46.2381 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

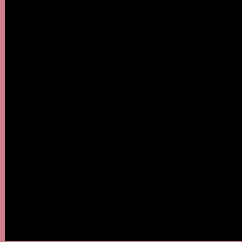
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 153.2770, -6.5456, 46.2381

## Background



This preview shows how black text looks on a background with the YUV color 153.2770, -6.5456, 46.2381.



This preview shows how white text looks on a background with the YUV color 153.2770, -6.5456,



# 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

153.2770, -6.5456, 46.2381

### Protanopia

151.1250, 0.4314, 1.6444

### Deuteranopia

152.4490, -7.6164, 16.2692



## Tritanopia

153.1630, -6.9824, 46.3380

# Trichromacy



## Original Color

153.2770, -6.5456, 46.2381

## Protanomaly

151.6540, -1.8014, 17.8434

## Deuteranomaly

152.9280, -7.3595, 27.2501

## Tritanomaly

153.1630, -6.9824, 46.3380

# Monochromacy



## Original Color

153.2770, -6.5456, 46.2381

## Achromatopsia

153.0000, 0.0000, 0.0000

## Achromatomaly

152.8280, -2.3802, 16.8138

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 153.2770, -6.5456, 46.2381 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(206, 129, 140)` looks like.

```
.text, #text, p{  
    color:rgb(206, 129, 140)  
}
```

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(206, 129, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 129, 140) }
```

## Border

The CSS property to change the border of an element to YUV 153.2770, -6.5456, 46.2381 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(206, 129, 140) }
```



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

```
.border{ border-color:rgb(206, 129, 140) }
```

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

Here you see how a box with a 4 pixel rgb(206, 129, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 129, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 129, 140);  
box-shadow:4px 4px 4px 4px rgb(206, 129,  
140) }
```

# Background

The CSS property to change the background color of an element to YUV 153.2770, -6.5456, 46.2381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 129, 140) }
```

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

```
.background{ background-color: rgb(206,  
129, 140) }
```

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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