

# Converting Colors

YUV(146.9590, -14.2768,  
52.6560)

Have a look what the booklet for  
YUV(146.9590, -14.2768, 52.6560)  
contains.

<b>YUV(146.9590, -14.2768, 52.6560)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(146.9590, -14.2768,  
52.6560)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF7A76
RGB	207, 122, 118
RGB Percent	81%, 48%, 46%
CMY	0.1882, 0.5216, 0.5373
CMYK	0.00, 0.41, 0.43, 0.19
HSL	3°, 48%, 64%
HSV	3°, 43%, 81%
XYZ	35.9617, 28.4925, 20.7437
YIQ	146.9590, 51.9440, 16.7760

# Conversions

## Conversions Part 2

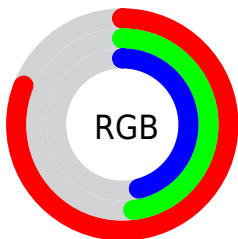
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 122, 118
Decimal	13597302
CIE <sub>Lab</sub>	60.33, 32.62, 16.52
CIE <sub>LCh</sub>	60, 36.568, 26.863
Yxy	28.4925, 0.4221, 0.3344
Android (android.graphics.Color)	4291787382 (0xFFCF7A76)
YUV	146.9590, -14.2768, 52.6560
Hunter-Lab	53.3783, 26.8457, 14.3237

# Details

The YUV color **146.9590, -14.2768, 52.6560** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **178.0410, 14.2768, -52.6560**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.9370, -14.2659, 49.1673**, and **94.5070, -12.0820, 48.6674** is the 20% darker color. If you saturate the color by 10%, you get **132.8250, -17.6617, 65.0515**, and if you desaturate by 10%, it is **161.0930, -10.8918, 40.2604**.

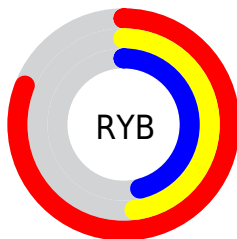
# Distribution



Red (81%)

Green (48%)

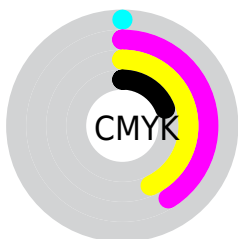
Blue (46%)



Red (81%)

Yellow (48%)

Blue (46%)

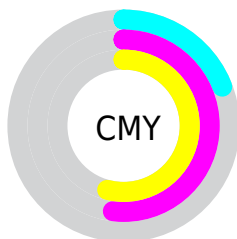


Cyan (0%)

Magenta (41%)

Yellow (43%)

Black (19%)



Cyan (19%)

Magenta (52%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 146.9590, -14.2768, 52.6560 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 146.9590, -14.2768, 52.6560 by changing the saturation by 10% instead.




 146.9590,  
-14.2768, 52.6560

 146.9590,  
-14.2768, 52.6560


255.0000, 0.0000,  
0.0000

 120.1760,  
-13.3978, 50.7116


 198.9370,  
-14.2659, 49.1673

 94.5070, -12.0820,  
48.6674


 217.8640,  
-10.2860, 32.5683


 69.4250, -11.0555,  
46.1083

 238.0790, -6.4479,  
14.8397

 44.0980, -8.4293,  
43.7641

254.8860, -0.4368,  
0.1000

 20.3320, -10.0237,  
41.8048

 13.5690, -6.1965,  
27.5650

 0.0000, 0.0000,

0.0000

■ 146.9590,  
-14.2768, 52.6560

■ 146.9590,  
-14.2768, 52.6560

■ 132.8250,  
-17.6617, 65.0515

■ 161.0930,  
-10.8918, 40.2604

■ 118.8050,  
-20.6099, 77.3470

■ 175.1130, -7.9437,  
27.9649

■ 105.2580,  
-24.2842, 89.2277

■ 188.6600, -4.2694,  
16.0842

■ 91.1240, -27.6691,  
101.6233

■ 202.7940, -0.8844,  
3.6887

■ 77.1040, -30.6173,  
113.9188

■ 216.9280, 2.5005,  
-8.7069

■ 67.1760, -33.1178,  
122.6256

■ 230.9480, 5.4486,  
-21.0024

■ 240.6480, 7.0755,  
-29.5093

# Harmonies

## Analogous

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



148.5360, 0.7218, 48.6419



146.9590, -14.2768, 52.6560



145.3910, -26.3218, 42.6301

# Triad

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



146.9590, -14.2768, 52.6560



135.0610, -12.8481, -32.5025



138.7860, 34.6155, -42.7853

# Complementary

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



146.9590, -14.2768, 52.6560



178.0410, 14.2768, -52.6560

# 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.



115.4320, 41.1990, -101.2339



146.9590, -14.2768, 52.6560



125.8190, 7.4842, -67.3703

# Square

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



146.9590, -14.2768, 52.6560



139.8060, -26.0334, -3.3379



114.8160, 28.6847, -100.6936



147.2040, 27.5074, -2.8099



# Rectangle

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



146.9590, -14.2768, 52.6560



144.1630, -30.6464, 29.6750



114.8160, 28.6847, -100.6936



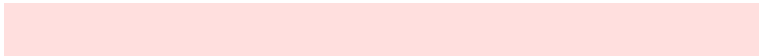
133.8550, 36.5535, -57.7548

# Sweetspot

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



146.9590, -14.2768, 52.6560



232.4540, -5.1538, 19.7728



154.4150, 24.4454, 46.1170



113.8660, -3.3849, 12.3955



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.



146.9590, -14.2768, 52.6560



165.2890, -21.3415, 78.6765



172.2000, -26.7206, 30.5196



97.8760, -1.9109, 6.2477



54.9280, -27.0795, 99.1641



13.4330, -6.6225, 24.1763



# Inverse Universe

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



178.0410, 14.2768, -52.6560



211.7110, 21.3415, -78.6765



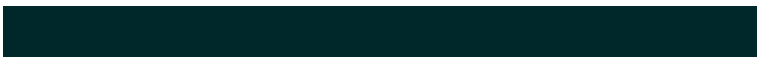
152.8000, 26.7206, -30.5196



101.1240, 1.9109, -6.2477



113.6590, 26.7901, -99.6789



27.5670, 6.6225, -24.1763



# Previews

## White Background



This preview shows how the YUV color 146.9590, -14.2768, 52.6560 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 146.9590, -14.2768, 52.6560 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

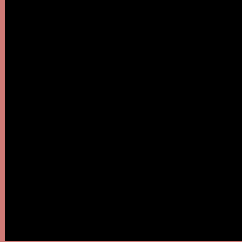
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 146.9590, -14.2768, 52.6560 Background



This preview shows how black text looks on a background with the YUV color 146.9590, -14.2768, 52.6560.



This preview shows how white text looks on a background with the YUV color 146.9590, -14.2768,



# 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

146.9590, -14.2768, 52.6560

### Protanopia

145.3830, -7.5838, 5.8031

### Deuteranopia

146.1200, -15.3422, 20.9428



## Tritanopia

147.3380, -9.0406, 53.2006

# Trichromacy



## Original Color

146.9590, -14.2768, 52.6560

## Protanomaly

146.2110, -9.9640, 22.6170

## Deuteranomaly

146.0120, -14.7959, 32.4385

## Tritanomaly

147.4690, -11.0772, 53.0857

# Monochromacy



## Original Color

146.9590, -14.2768, 52.6560

## Achromatopsia

147.0000, 0.0000, 0.0000

## Achromatomaly

147.0410, -5.4432, 19.2580

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 146.9590, -14.2768, 52.6560 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(207, 122, 118)` looks like.

```
.text, #text, p{  
    color:rgb(207, 122, 118)  
}
```

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(207, 122, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 122, 118) }
```

## Border

The CSS property to change the border of an element to YUV 146.9590, -14.2768, 52.6560 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(207, 122, 118) }
```



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

```
.border{ border-color:rgb(207, 122, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 122, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 122, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 122, 118);  
box-shadow:4px 4px 4px 4px rgb(207, 122,  
118) }
```

# Background

The CSS property to change the background color of an element to YUV 146.9590, -14.2768, 52.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 122, 118) }
```

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

```
.background{ background-color: rgb(207,  
122, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor