

Converting Colors

YUV(146.3670, -16.4499,
49.6671)

Have a look what the booklet for
YUV(146.3670, -16.4499, 49.6671)
contains.

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Color

**YUV(146.3670, -16.4499,
49.6671)**

Conversions

Conversions Part 1

Format	Color
Hex	CB7C71
RGB	203, 124, 113
RGB Percent	80%, 49%, 44%
CMY	0.2039, 0.5137, 0.5569
CMYK	0.00, 0.39, 0.44, 0.20
HSL	7°, 46%, 62%
HSV	7°, 44%, 80%
XYZ	34.8169, 28.3041, 19.2510
YIQ	146.3670, 50.6150, 13.3270

Conversions

Conversions Part 2

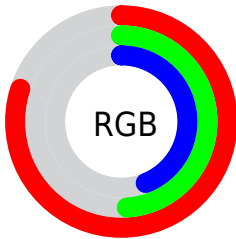
Format	Color
R_{YB}	203, 126, 113
Decimal	13335665
CIE _{Lab}	60.16, 29.47, 19.06
CIE _{LCh}	60, 35.098, 32.897
Yxy	28.3041, 0.4227, 0.3436
Android (android.graphics.Color)	4291525745 (0xFFCB7C71)
YUV	146.3670, -16.4499, 49.6671
Hunter-Lab	53.2016, 23.7136, 15.7870

Details

The YUV color **146.3670, -16.4499, 49.6671** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **169.6330, 16.4499, -49.6671**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.9540, -16.7393, 49.1523**, and **94.5020, -14.5445, 45.1637** is the 20% darker color. If you saturate the color by 10%, you get **133.5210, -19.9769, 60.9331**, and if you desaturate by 10%, it is **159.2130, -12.9230, 38.4012**.

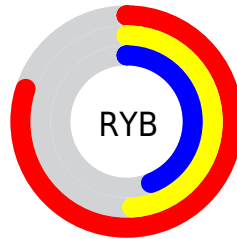
Distribution



Red (80%)

Green (49%)

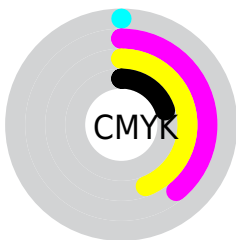
Blue (44%)



Red (80%)

Yellow (49%)

Blue (44%)

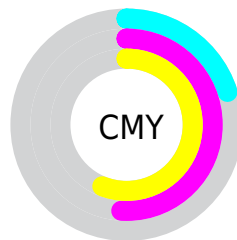


Cyan (0%)

Magenta (39%)

Yellow (44%)

Black (20%)



Cyan (20%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.3670, -16.4499, 49.6671 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 146.3670, -16.4499, 49.6671 by changing the saturation by 10% instead.


 146.3670,
-16.4499, 49.6671


 146.3670,
-16.4499, 49.6671


255.0000, 0.0000,
0.0000


 119.5840,
-15.5709, 47.7228


 198.9540,
-16.7393, 49.1523


 94.5020, -14.5445,
45.1637


 218.4680,
-13.0487, 32.0386


 69.5340, -13.0813,
42.5047

 238.6830, -9.2107,
14.3100

 44.9790, -11.3286,
40.3604

 254.2020, -3.0576,
0.6998

 20.0220, -9.8708,
39.4457

 12.6720, -5.7543,
25.7207

 0.0000, 0.0000,

0.0000

■ 146.3670,
-16.4499, 49.6671

■ 146.3670,
-16.4499, 49.6671

■ 133.5210,
-19.9769, 60.9331

■ 159.2130,
-12.9230, 38.4012

■ 120.5610,
-23.9406, 72.2990

■ 172.1730, -8.9593,
27.0353

■ 108.3020,
-27.7569, 83.0501

■ 184.4320, -5.1430,
16.2841

■ 95.4560, -31.2838,
94.3161

■ 197.2780, -1.6161,
5.0182

■ 82.4960, -35.2475,
105.6820

■ 210.2380, 2.3477,
-6.3477

■ 75.3720, -37.1584,
111.9298

■ 223.0840, 5.8746,
-17.6137

■ 235.9300, 9.4015,
-28.8796

■ 239.4520, 7.6652,
-31.9684

Harmonies

Analogous

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



148.0260, -2.4778, 48.2122



146.3670, -16.4499, 49.6671



144.6570, -26.4529, 38.0118

Triad

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



146.3670, -16.4499, 49.6671



134.0650, -8.9060, -36.8910



140.8690, 32.1096, -32.3341

Complementary

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



146.3670, -16.4499, 49.6671



169.6330, 16.4499, -49.6671

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.



127.1150, 35.4393, -73.7689



146.3670, -16.4499, 49.6671



124.7200, 10.9840, -69.9144

Square

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



146.3670, -16.4499, 49.6671



139.1690, -23.2543, -8.0412



114.2120, 31.4475, -100.1639



147.7380, 24.2862, 3.7378

Rectangle

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



146.3670, -16.4499, 49.6671



143.6570, -29.9039, 24.8568



114.2120, 31.4475, -100.1639



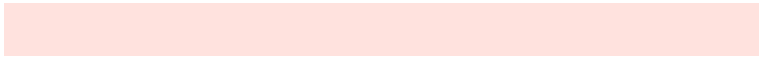
136.9490, 34.0421, -45.5593

Sweetspot

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



146.3670, -16.4499, 49.6671



234.2150, -6.0220, 18.2284



149.0300, 21.6772, 47.3317



115.0400, -3.9637, 11.3659



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.



146.3670, -16.4499, 49.6671



169.7570, -24.5302, 74.7581



172.7820, -29.4725, 26.5012



95.5770, -1.7635, 5.6330



61.3740, -30.2574, 91.7570



14.2970, -7.0484, 20.7875

Inverse Universe

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



169.6330, 16.4499, -49.6671



204.6560, 24.8196, -74.2433



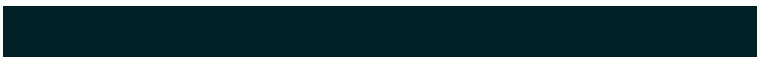
143.8050, 29.1831, -27.0160



98.4230, 1.7635, -5.6330



104.0390, 30.5468, -91.2422



24.2900, 6.7590, -21.3023

Previews

White Background



This preview shows how the YUV color 146.3670, -16.4499, 49.6671 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 146.3670, -16.4499, 49.6671 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 146.3670, -16.4499, 49.6671 Background



This preview shows how black text looks on a background with the YUV color 146.3670, -16.4499, 49.6671.



This preview shows how white text looks on a background with the YUV color 146.3670, -16.4499,

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

146.3670, -16.4499, 49.6671

Protanopia

144.8840, -10.7888, 7.1177

Deuteranopia

145.2620, -17.3842, 22.5722



Tritanopia

146.8430, -8.3036, 50.1267

Trichromacy



Original Color

146.3670, -16.4499, 49.6671

Protanomaly

145.1140, -12.8742, 22.7020

Deuteranomaly

146.0290, -17.2693, 32.4236

Tritanomaly

146.7460, -11.2138, 50.2118

Monochromacy



Original Color

146.3670, -16.4499, 49.6671

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.2150, -6.0220, 18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.3670, -16.4499, 49.6671 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(203, 124, 113)` looks like.

```
.text, #text, p{  
    color:rgb(203, 124, 113)  
}
```

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(203, 124, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 124, 113) }
```

Border

The CSS property to change the border of an element to YUV 146.3670, -16.4499, 49.6671 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(203, 124, 113) }
```


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

```
.border{ border-color:rgb(203, 124, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 124, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 124, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 124, 113); box-shadow:4px 4px 4px 4px rgb(203, 124, 113) }
```

Background

The CSS property to change the background color of an element to YUV 146.3670, -16.4499, 49.6671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 124, 113) }
```

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

```
.background{ background-color: rgb(203,  
124, 113) }
```

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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