

Converting Colors

YUV(145.0650, -4.9620,
51.6860)

Have a look what the booklet for
YUV(145.0650, -4.9620, 51.6860)
contains.

YUV(145.0650, -4.9620, 51.6860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(145.0650, -4.9620,
51.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7587
RGB	204, 117, 135
RGB Percent	80%, 46%, 53%
CMY	0.2000, 0.5412, 0.4706
CMYK	0.00, 0.43, 0.34, 0.20
HSL	348°, 46%, 63%
HSV	348°, 43%, 80%
XYZ	35.6363, 27.3092, 26.3146
YIQ	145.0650, 46.0740, 24.0420

Conversions

Conversions Part 2

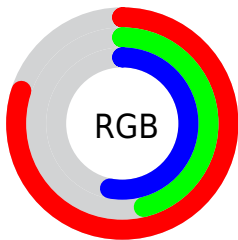
Format	Color
RYB	204, 117, 135
Decimal	13399431
CIELab	59.26, 36.15, 5.18
CIElCh	59, 36.516, 8.154
Yxy	27.3092, 0.3992, 0.3060
Android (android.graphics.Color)	4291589511 (0xFFCC7587)
YUV	145.0650, -4.9620, 51.6860
Hunter-Lab	52.2582, 30.2721, 6.7253

Details

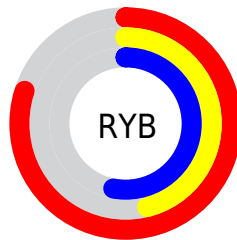
The YUV color **145.0650, -4.9620, 51.6860** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **175.9350, 4.9620, -51.6860**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.0540, -4.9566, 49.9416**, and **92.3850, -3.6408, 47.8974** is the 20% darker color. If you saturate the color by 10%, you get **131.5010, -6.1630, 63.5816**, and if you desaturate by 10%, it is **158.6290, -3.7611, 39.7904**.

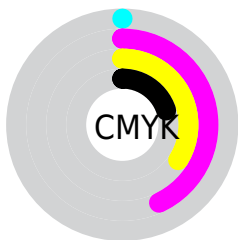
Distribution



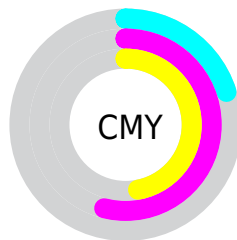
- Red (80%)
- Green (46%)
- Blue (53%)



- Red (80%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (43%)
- Yellow (34%)
- Black (20%)





- Cyan (20%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.0650, -4.9620, 51.6860 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 145.0650, -4.9620, 51.6860 by changing the saturation by 10% instead.


 145.0650, -4.9620,
51.6860

 145.0650, -4.9620,
51.6860


255.0000, 0.0000,
0.0000


 118.2820, -4.0830,
49.7417


 198.0540, -4.9566,
49.9416


 92.3850, -3.6408,
47.8974


 217.0950, -0.5398,
33.2427

 67.0150, -2.4724,
46.4678

 237.3100, 3.2982,
15.5141

 41.2860, -0.1410,
45.3532

 22.3130, -1.1403,
39.1905

 13.5690, -6.1965,
27.5650

 0.0000, 0.0000,

0.0000

■ 145.0650, -4.9620,
51.6860

■ 145.0650, -4.9620,
51.6860

■ 131.5010, -6.1630,
63.5816

■ 158.6290, -3.7611,
39.7904

■ 117.3500, -7.0745,
75.9921

■ 172.7800, -2.8495,
27.3799

■ 103.6720, -8.7123,
87.9877

■ 186.4580, -1.2118,
15.3843

■ 89.5210, -9.6239,
100.3981

■ 200.6090, -0.3002,
2.9739

■ 75.9570, -10.8248,
112.2937

■ 214.1730, 0.9007,
-8.9217

■ 65.7840, -11.7255,
121.2154

■ 227.7370, 2.1017,
-20.8173

■ 238.9530, 4.4602,
-30.6538

■ 239.7510, 7.5178,
-31.3536

Harmonies

Analogous

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



146.8750, 9.9216, 37.8206



145.0650, -4.9620, 51.6860



143.6830, -19.0707, 50.2670

Triad

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



145.0650, -4.9620, 51.6860



135.4780, -21.9277, -13.5742



124.5110, 38.2021, -73.2391

Complementary

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



145.0650, -4.9620, 51.6860



175.9350, 4.9620, -51.6860

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.



113.3800, 33.3367, -99.4343



145.0650, -4.9620, 51.6860



129.8190, -5.8268, -44.5683

Square

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



145.0650, -4.9620, 51.6860



139.7650, -30.4501, 13.3611



114.7220, 17.8851, -90.0872



140.0160, 32.5301, -27.2010

Rectangle

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



145.0650, -4.9620, 51.6860



142.6790, -26.4637, 41.5005



114.7220, 17.8851, -90.0872



113.3290, 40.7568, -99.3895

Sweetspot

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



145.0650, -4.9620, 51.6860



232.6650, -1.8068, 19.5878



147.2500, 27.9778, 33.1067



113.7350, -1.3484, 12.5104



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.



145.0650, -4.9620, 51.6860



166.9480, -7.3694, 77.2216



157.6880, -20.0592, 40.6156



95.2180, -0.6005, 5.9478



53.5100, -9.6184, 98.6537



12.2740, -2.1071, 22.5617

Inverse Universe

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



145.0650, -4.9620, 51.6860



166.9480, -7.3694, 77.2216



163.3120, 20.0592, -40.6156



95.2180, -0.6005, 5.9478



53.5100, -9.6184, 98.6537



12.2740, -2.1071, 22.5617

Previews

White Background



This preview shows how the YUV color 145.0650, -4.9620, 51.6860 looks on a white background.

Color Contrast Check

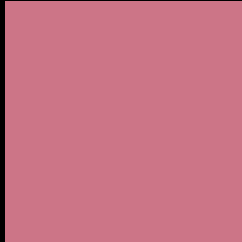
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.0650, -4.9620, 51.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

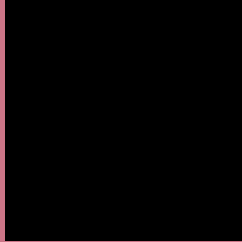
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.0650, -4.9620, 51.6860

Background



This preview shows how black text looks on a background with the YUV color 145.0650, -4.9620, 51.6860.



This preview shows how white text looks on a background with the YUV color 145.0650, -4.9620,

51.6860.

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

145.0650, -4.9620, 51.6860

Protanopia

143.3960, 2.7628, 0.5297

Deuteranopia

144.0790, -6.4479, 14.8397



Tritanopia

144.4410, -8.5984, 51.3562

Trichromacy



Original Color

145.0650, -4.9620, 51.6860

Protanomaly

144.1210, -0.0597, 19.1879

Deuteranomaly

144.2810, -6.0545, 28.6946

Tritanomaly

144.7830, -7.2880, 51.0563

Monochromacy



Original Color

145.0650, -4.9620, 51.6860

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9530, -1.9488, 18.4582

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.0650, -4.9620, 51.6860 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(204, 117, 135)` looks like.

```
.text, #text, p{  
    color:rgb(204, 117, 135)  
}
```

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(204, 117, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 117, 135) }
```

Border

The CSS property to change the border of an element to YUV 145.0650, -4.9620, 51.6860 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(204, 117, 135) }
```


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

```
.border{ border-color:rgb(204, 117, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 117, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 117, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 117, 135);  
box-shadow:4px 4px 4px 4px rgb(204, 117,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 145.0650, -4.9620, 51.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 117, 135) }
```

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

```
.background{ background-color: rgb(204,  
117, 135) }
```

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