

Converting Colors

YUV(145.7450, -6.2833,
55.4746)

Have a look what the booklet for
YUV(145.7450, -6.2833, 55.4746)
contains.

YUV(145.7450, -6.2833, 55.4746)	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(145.7450, -6.2833,
55.4746)**

Conversions

Conversions Part 1

Format	Color
Hex	D17485
RGB	209, 116, 133
RGB Percent	82%, 45%, 52%
CMY	0.1804, 0.5451, 0.4784
CMYK	0.00, 0.44, 0.36, 0.18
HSL	349°, 50%, 64%
HSV	349°, 44%, 82%
XYZ	36.7735, 27.7395, 25.6064
YIQ	145.7450, 49.9710, 25.0030

Conversions

Conversions Part 2

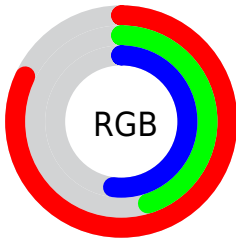
Format	Color
R_{YB}	209, 116, 133
Decimal	13726853
CIE _{Lab}	59.65, 38.25, 6.99
CIE _{LCh}	60, 38.880, 10.350
Yxy	27.7395, 0.4081, 0.3078
Android (android.graphics.Color)	4291916933 (0xFFD17485)
YUV	145.7450, -6.2833, 55.4746
Hunter-Lab	52.6683, 32.4607, 8.0421

Details

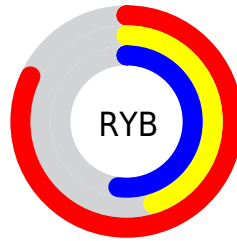
The YUV color **145.7450, -6.2833, 55.4746** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **179.2550, 6.2833, -55.4746**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.2390, -5.5408, 50.6564**, and **93.1790, -4.5252, 51.5860** is the 20% darker color. If you saturate the color by 10%, you get **131.4800, -7.6316, 67.9850**, and if you desaturate by 10%, it is **160.0100, -4.9349, 42.9642**.

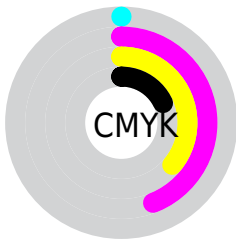
Distribution



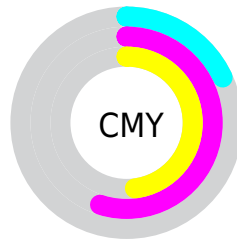
- Red (82%)
- Green (45%)
- Blue (52%)



- Red (82%)
- Yellow (45%)
- Blue (52%)



- Cyan (0%)
- Magenta (44%)
- Yellow (36%)
- Black (18%)



- Cyan (18%)
- Magenta (55%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.7450, -6.2833, 55.4746 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 145.7450, -6.2833, 55.4746 by changing the saturation by 10% instead.


 145.7450, -6.2833,
55.4746

 145.7450, -6.2833,
55.4746


255.0000, 0.0000,
0.0000

 118.9620, -5.4043,
53.5303


 197.2390, -5.5408,
50.6564


 93.1790, -4.5252,
51.5860


 216.2800, -1.1240,
33.9574

 67.5100, -3.2094,
49.5417

 236.4950, 2.7140,
16.2289

 39.9060, -0.4467,
50.0714

 23.0960, -2.0193,
41.1348

 14.5800, -6.2019,
29.3093

 0.0000, 0.0000,

0.0000

■ 145.7450, -6.2833,
55.4746

■ 145.7450, -6.2833,
55.4746

■ 131.4800, -7.6316,
67.9850

■ 160.0100, -4.9349,
42.9642

■ 117.2150, -8.9800,
80.4954

■ 174.2750, -3.5866,
30.4538

■ 102.9500,
-10.3284, 93.0058

■ 188.5400, -2.2382,
17.9434

■ 88.6850, -11.6767,
105.5163

■ 202.8050, -0.8899,
5.4330

■ 75.0070, -13.3145,
117.5119

■ 217.0700, 0.4585,
-7.0774

■ 66.8230, -14.2097,
124.6892

■ 230.7480, 2.0962,
-19.0730

■ 241.0180, 5.9071,
-28.0798

■ 241.2460, 6.7807,
-28.2797

Harmonies

Analogous

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



147.1960, 9.7634, 41.9241



145.7450, -6.2833, 55.4746



144.1240, -21.2601, 52.5113

Triad

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



145.7450, -6.2833, 55.4746



135.3420, -22.3536, -16.9629



122.3790, 41.7182, -81.0164

Complementary

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



145.7450, -6.2833, 55.4746



179.2550, 6.2833, -55.4746

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.



115.2380, 35.3787, -101.0637



145.7450, -6.2833, 55.4746



128.5300, -4.2053, -51.3308

Square

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



145.7450, -6.2833, 55.4746



140.2980, -32.1919, 12.0167



112.7640, 20.8223, -98.8940



141.1840, 34.4193, -26.4714

Rectangle

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



145.7450, -6.2833, 55.4746



143.4080, -28.7951, 42.6152



112.7640, 20.8223, -98.8940



114.6000, 43.0882, -100.5042

Sweetspot

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



145.7450, -6.2833, 55.4746



232.5510, -2.2436, 19.6878



149.3260, 29.4193, 37.4251



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.



145.7450, -6.2833, 55.4746



163.2150, -8.9800, 80.4954



160.8300, -22.1012, 42.2451



97.5170, -0.7479, 6.5626



53.7660, -11.2236, 100.1832



13.0570, -2.9861, 24.5060

Inverse Universe

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



145.7450, -6.2833, 55.4746



163.2150, -8.9800, 80.4954



164.1700, 22.1012, -42.2451



97.5170, -0.7479, 6.5626



53.7660, -11.2236, 100.1832



13.0570, -2.9861, 24.5060

Previews

White Background



This preview shows how the YUV color 145.7450, -6.2833, 55.4746 looks on a white background.

Color Contrast Check

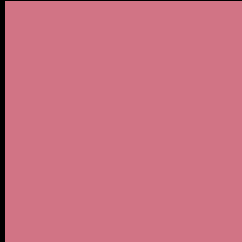
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.7450, -6.2833, 55.4746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

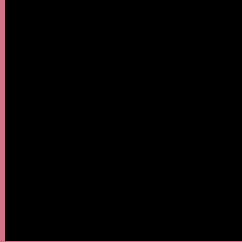
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.7450, -6.2833, 55.4746

Background



This preview shows how black text looks on a background with the YUV color 145.7450, -6.2833, 55.4746.



This preview shows how white text looks on a background with the YUV color 145.7450, -6.2833,

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

145.7450, -6.2833, 55.4746

Protanopia

144.1680, 1.8892, 0.7297

Deuteranopia

145.3350, -8.0532, 16.3692



Tritanopia

145.2350, -9.4829, 55.0449

Trichromacy



Original Color

145.7450, -6.2833, 55.4746

Protanomaly

144.6050, -0.7913, 20.5174

Deuteranomaly

145.5370, -7.6597, 30.2241

Tritanomaly

145.5770, -8.1725, 54.7450

Monochromacy



Original Color

145.7450, -6.2833, 55.4746

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.8500, -2.3910, 20.3026

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.7450, -6.2833, 55.4746 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(209, 116, 133)` looks like.

```
.text, #text, p{  
    color:rgb(209, 116, 133)  
}
```

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(209, 116, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 116, 133) }
```

Border

The CSS property to change the border of an element to YUV 145.7450, -6.2833, 55.4746 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(209, 116, 133) }
```


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

```
.border{ border-color:rgb(209, 116, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 116, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 116, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 116, 133);  
box-shadow:4px 4px 4px 4px rgb(209, 116,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 145.7450, -6.2833, 55.4746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 116, 133) }
```

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

```
.background{ background-color: rgb(209,  
116, 133) }
```

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