

Converting Colors

YUV(133.7460, -7.7628,
63.3668)

Have a look what the booklet for
YUV(133.7460, -7.7628, 63.3668)
contains.

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Color

**YUV(133.7460, -7.7628,
63.3668)**

Conversions

Conversions Part 1

Format	Color
Hex	CE6476
RGB	206, 100, 118
RGB Percent	81%, 39%, 46%
CMY	0.1922, 0.6078, 0.5373
CMYK	0.00, 0.51, 0.43, 0.19
HSL	350°, 52%, 60%
HSV	350°, 51%, 81%
XYZ	33.2808, 23.5442, 19.9299
YIQ	133.7460, 57.3980, 28.0700

Conversions

Conversions Part 2

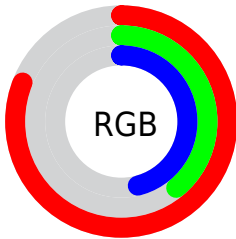
Format	Color
R_{YB}	206, 100, 118
Decimal	13526134
CIE _{Lab}	55.63, 43.67, 9.94
CIE _{LCh}	56, 44.789, 12.824
Y _{xy}	23.5442, 0.4336, 0.3067
Android (android.graphics.Color)	4291716214 (0xFFCE6476)
YUV	133.7460, -7.7628, 63.3668
Hunter-Lab	48.5223, 37.5166, 9.6130

Details

The YUV color **133.7460, -7.7628, 63.3668** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **172.2540, 7.7628, -63.3668**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0230, -7.8993, 60.4928**, and **80.4080, -5.1311, 59.2782** is the 20% darker color. If you saturate the color by 10%, you get **119.4810, -9.1111, 75.8772**, and if you desaturate by 10%, it is **148.0110, -6.4144, 50.8564**.

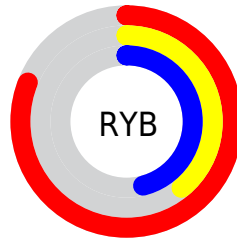
Distribution



Red (81%)

Green (39%)

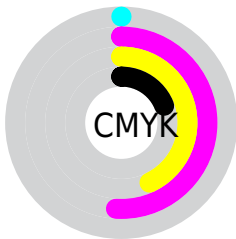
Blue (46%)



Red (81%)

Yellow (39%)

Blue (46%)

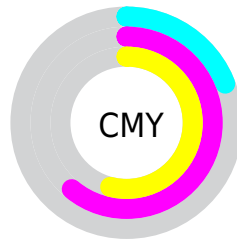


Cyan (0%)

Magenta (51%)

Yellow (43%)

Black (19%)



Cyan (19%)


Magenta (61%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.7460, -7.7628, 63.3668 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 133.7460, -7.7628, 63.3668 by changing the saturation by 10% instead.


 133.7460, -7.7628,
63.3668

 133.7460, -7.7628,
63.3668


255.0000, 0.0000,
0.0000


 106.9630, -6.8838,
61.4224


 186.0230, -7.8993,
60.4928


 80.4080, -5.1311,
59.2782

 204.9500, -3.9193,
43.8939


 51.9180, -1.9316,
59.7079

 224.5780, 0.2080,
26.6801

 30.5860, -1.7679,
53.8601

 244.9070, 4.4828,
8.8516

 19.4350, -9.5815,
39.9605

 11.4760, -5.1647,
23.2615

 0.0000, 0.0000,

0.0000

■ 133.7460, -7.7628,
63.3668

■ 133.7460, -7.7628,
63.3668

■ 119.4810, -9.1111,
75.8772

■ 148.0110, -6.4144,
50.8564

■ 105.8030,
-10.7489, 87.8728

■ 161.6890, -4.7767,
38.8607

■ 91.5380, -12.0972,
100.3832

■ 175.9540, -3.4283,
26.3503

■ 77.8600, -13.7350,
112.3788

■ 189.6320, -1.7906,
14.3547

■ 65.5840, -15.0779,
123.1448

■ 204.0110, -0.0054,
1.7444

■ 218.2760, 1.3429,
-10.7661

■ 231.9540, 2.9807,
-22.7617

■ 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.



136.0660, 10.3205, 49.9311



133.7460, -7.7628, 63.3668



132.5330, -24.9128, 57.4146

Triad

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



133.7460, -7.7628, 63.3668



123.1410, -24.2265, -22.9257



108.1260, 48.7449, -94.8265

Complementary

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



133.7460, -7.7628, 63.3668



172.2540, 7.7628, -63.3668

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.



109.7270, 37.1096, -96.2306



133.7460, -7.7628, 63.3668



108.8370, 0.0804, -72.6480

Square

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



133.7460, -7.7628, 63.3668



127.8480, -36.4071, 10.6573



106.7970, 20.8061, -93.6610



130.3130, 38.7927, -29.2155

Rectangle

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



133.7460, -7.7628, 63.3668



131.5780, -33.3160, 45.9741



106.7970, 20.8061, -93.6610



109.3170, 45.6927, -95.8710

Sweetspot

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



133.7460, -7.7628, 63.3668



229.0460, -2.9807, 22.7617



138.0970, 33.4762, 42.8879



112.2190, -2.0800, 13.8399



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.



133.7460, -7.7628, 63.3668



147.3200, -11.4968, 94.4354



151.6520, -25.4644, 47.6632



95.2180, -0.6005, 5.9478



52.8260, -12.2392, 99.2536



12.0460, -2.9807, 22.7617

Inverse Universe

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



133.7460, -7.7628, 63.3668



147.3200, -11.4968, 94.4354



154.3480, 25.4644, -47.6632



95.2180, -0.6005, 5.9478



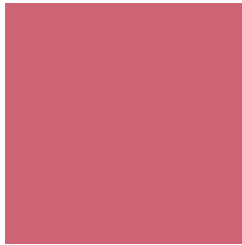
52.8260, -12.2392, 99.2536



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 133.7460, -7.7628, 63.3668 looks on a white background.

Color Contrast Check

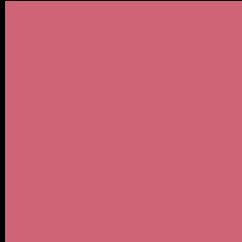
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.7460, -7.7628, 63.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

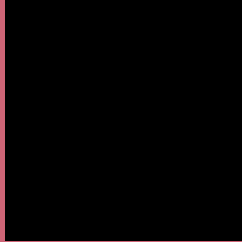
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.7460, -7.7628, 63.3668

Background



This preview shows how black text looks on a background with the YUV color 133.7460, -7.7628, 63.3668.

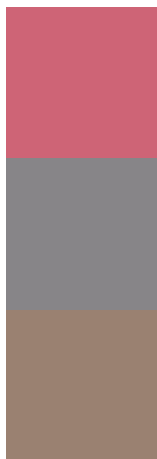


This preview shows how white text looks on a background with the YUV color 133.7460, -7.7628,

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

133.7460, -7.7628, 63.3668

Protanopia

133.9400, 1.0156, 0.9296

Deuteranopia

134.6510, -10.6739, 16.9691



Tritanopia

133.5950, -12.1253, 62.6222

Trichromacy



Original Color

133.7460, -7.7628, 63.3668

Protanomaly

133.8720, -2.4019, 23.7913

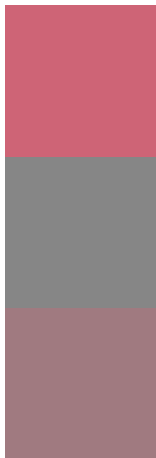
Deuteranomaly

134.1030, -9.4178, 34.1127

Tritanomaly

133.3500, -10.5255, 62.8371

Monochromacy



Original Color

133.7460, -7.7628, 63.3668

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.0460, -2.9807, 22.7617

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.7460, -7.7628, 63.3668 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, 100, 118)` looks like.

```
.text, #text, p{  
    color:rgb(206, 100, 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(206, 100, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 100, 118) }
```

Border

The CSS property to change the border of an element to YUV 133.7460, -7.7628, 63.3668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

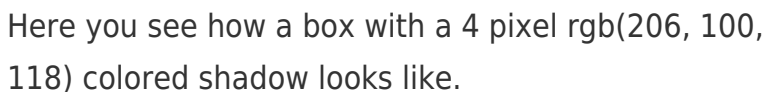
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 100, 118) }
```


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

```
.border{ border-color:rgb(206, 100, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 100, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 100, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 100, 118);  
box-shadow:4px 4px 4px 4px rgb(206, 100,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 133.7460, -7.7628, 63.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 100, 118) }
```

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

```
.background{ background-color: rgb(206,  
100, 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](#).

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