

Converting Colors

YUV(137.6630, -5.2569,
52.9155)

Have a look what the booklet for
YUV(137.6630, -5.2569, 52.9155)
contains.

YUV(137.6630, -5.2569, 52.9155)	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(137.6630, -5.2569,
52.9155)**

Conversions

Conversions Part 1

Format	Color
Hex	C66D7F
RGB	198, 109, 127
RGB Percent	78%, 43%, 50%
CMY	0.2235, 0.5725, 0.5020
CMYK	0.00, 0.45, 0.36, 0.22
HSL	348°, 44%, 60%
HSV	348°, 45%, 78%
XYZ	32.5881, 24.4754, 23.0853
YIQ	137.6630, 47.2660, 24.4660

Conversions

Conversions Part 2

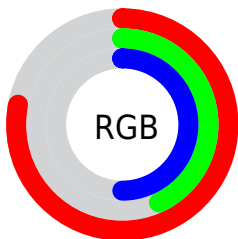
Format	Color
RYB	198, 109, 127
Decimal	13004159
CIELab	56.56, 37.19, 5.85
CIELCh	57, 37.649, 8.933
Yxy	24.4754, 0.4066, 0.3054
Android (android.graphics.Color)	4291194239 (0xFFC66D7F)
YUV	137.6630, -5.2569, 52.9155
Hunter-Lab	49.4726, 31.0028, 6.9644

Details

The YUV color **137.6630, -5.2569, 52.9155** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **169.3370, 5.2569, -52.9155**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.8590, -5.8465, 55.3747**, and **85.0970, -3.4988, 49.0269** is the 20% darker color. If you saturate the color by 10%, you get **124.0990, -6.4578, 64.8112**, and if you desaturate by 10%, it is **151.2270, -4.0559, 41.0199**.

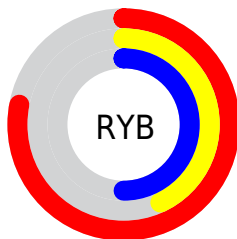
Distribution



Red (78%)

Green (43%)

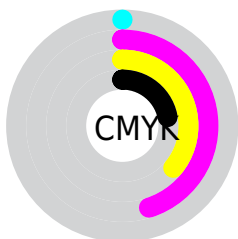
Blue (50%)



Red (78%)

Yellow (43%)

Blue (50%)

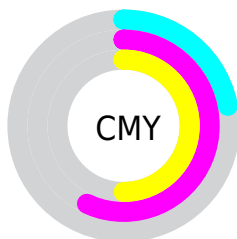


Cyan (0%)

Magenta (45%)

Yellow (36%)

Black (22%)



Cyan (22%)


Magenta (57%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.6630, -5.2569, 52.9155 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 137.6630, -5.2569, 52.9155 by changing the saturation by 10% instead.


 137.6630, -5.2569,
52.9155

 137.6630, -5.2569,
52.9155


255.0000, 0.0000,
0.0000


 110.8800, -4.3778,
50.9712


 191.8590, -5.8465,
55.3747

 85.0970, -3.4988,
49.0269


 211.3730, -2.1559,
38.2609


 59.7270, -2.3304,
47.5974

 231.0010, 1.9715,
21.0471

 31.6500, 1.1586,
48.5419

 250.3040, 2.3151,
4.1184

 19.6070, -3.7503,
36.3017

 10.8780, -4.8699,
22.0320

 0.0000, 0.0000,

0.0000

■ 137.6630, -5.2569,
52.9155

■ 137.6630, -5.2569,
52.9155

■ 124.0990, -6.4578,
64.8112

■ 151.2270, -4.0559,
41.0199

■ 110.5350, -7.6588,
76.7068

■ 164.7910, -2.8550,
29.1243

■ 97.6720, -8.7123,
87.9877

■ 177.6540, -1.8014,
17.8434

■ 84.1080, -9.9132,
99.8833

■ 191.2180, -0.6005,
5.9478

■ 70.5440, -11.1142,
111.7789

■ 204.7820, 0.6005,
-5.9478

■ 63.7620, -11.7147,
117.7267

■ 218.3460, 1.8014,
-17.8434

■ 231.9100, 3.0024,
-29.7391

■ 237.7290, 7.5286,
-34.8423

■ 237.9570, 8.4022,
-35.0423

Harmonies

Analogous

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



139.5870, 10.0636, 38.9502



137.6630, -5.2569, 52.9155



136.4550, -19.9443, 50.4670

Triad

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



137.6630, -5.2569, 52.9155



128.3530, -22.3590, -15.2186



111.9440, 41.4396, -85.0199

Complementary

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



137.6630, -5.2569, 52.9155



169.3370, 5.2569, -52.9155

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.



108.7010, 33.1784, -95.3308



137.6630, -5.2569, 52.9155



121.3240, -5.0897, -47.6421

Square

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



137.6630, -5.2569, 52.9155



132.2380, -31.1763, 12.9463



106.3410, 19.0589, -93.2611



132.8310, 33.1143, -27.9158

Rectangle

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



137.6630, -5.2569, 52.9155



135.4510, -27.3373, 41.7005



106.3410, 19.0589, -93.2611



108.6500, 40.5986, -95.2860

Sweetspot

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



137.6630, -5.2569, 52.9155



232.6650, -1.8068, 19.5878



140.0760, 28.5565, 34.1363



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.



137.6630, -5.2569, 52.9155



161.4540, -8.1118, 82.0398



150.2860, -20.3540, 41.8452



92.9190, -0.4531, 5.3330



52.4990, -9.6130, 96.9094



11.5620, -2.2491, 21.4321

Inverse Universe

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



137.6630, -5.2569, 52.9155



161.4540, -8.1118, 82.0398



156.7140, 20.3540, -41.8452



92.9190, -0.4531, 5.3330



52.4990, -9.6130, 96.9094



11.5620, -2.2491, 21.4321

Previews

White Background



This preview shows how the YUV color 137.6630, -5.2569, 52.9155 looks on a white background.

Color Contrast Check

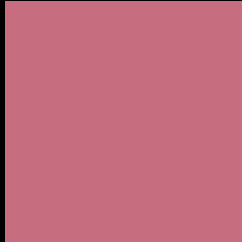
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.6630, -5.2569, 52.9155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

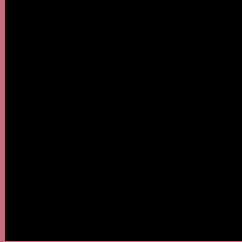
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.6630, -5.2569, 52.9155

Background



This preview shows how black text looks on a background with the YUV color 137.6630, -5.2569, 52.9155.



This preview shows how white text looks on a background with the YUV color 137.6630, -5.2569,

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

137.6630, -5.2569, 52.9155

Protanopia

136.3960, 2.7628, 0.5297

Deuteranopia

136.9650, -6.8847, 14.9397



Tritanopia

137.0390, -8.8932, 52.5858

Trichromacy



Original Color

137.6630, -5.2569, 52.9155

Protanomaly

137.1210, -0.0597, 19.1879

Deuteranomaly

137.1670, -6.4913, 28.7945

Tritanomaly

137.3810, -7.5828, 52.2859

Monochromacy



Original Color

137.6630, -5.2569, 52.9155

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.6650, -1.8068, 19.5878

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6630, -5.2569, 52.9155 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(198, 109, 127)` looks like.

```
.text, #text, p{  
    color:rgb(198, 109, 127)  
}
```

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(198, 109, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 109, 127) }
```

Border

The CSS property to change the border of an element to YUV 137.6630, -5.2569, 52.9155 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(198, 109, 127) }
```


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

```
.border{ border-color:rgb(198, 109, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 109, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 109, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 109, 127);  
box-shadow:4px 4px 4px 4px rgb(198, 109,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 137.6630, -5.2569, 52.9155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 109, 127) }
```

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

```
.background{ background-color: rgb(198,  
109, 127) }
```

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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