

Converting Colors

YUV(137.2500, -5.5462,
52.4008)

Have a look what the booklet for
YUV(137.2500, -5.5462, 52.4008)
contains.

YUV(137.2500, -5.5462, 52.4008)	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(137.2500, -5.5462,
52.4008)**

Conversions

Conversions Part 1

Format	Color
Hex	C56D7E
RGB	197, 109, 126
RGB Percent	77%, 43%, 49%
CMY	0.2275, 0.5725, 0.5059
CMYK	0.00, 0.45, 0.36, 0.23
HSL	348°, 43%, 60%
HSV	348°, 45%, 77%
XYZ	32.2605, 24.3140, 22.7314
YIQ	137.2500, 46.9910, 23.9430

Conversions

Conversions Part 2

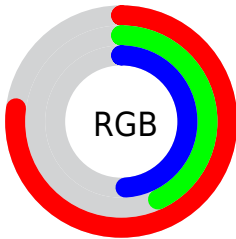
Format	Color
RYB	197, 109, 126
Decimal	12938622
CIELab	56.40, 36.70, 6.18
CIELCh	56, 37.222, 9.562
Yxy	24.3140, 0.4068, 0.3066
Android (android.graphics.Color)	4291128702 (0xFFC56D7E)
YUV	137.2500, -5.5462, 52.4008
Hunter-Lab	49.3092, 30.4924, 7.1839

Details

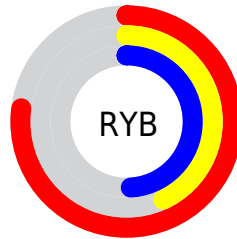
The YUV color **137.2500, -5.5462, 52.4008** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **168.7500, 5.5462, -52.4008**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7450, -6.2833, 55.4746**, and **84.6840, -3.7882, 48.5121** is the 20% darker color. If you saturate the color by 10%, you get **123.6860, -6.7472, 64.2964**, and if you desaturate by 10%, it is **150.8140, -4.3453, 40.5051**.

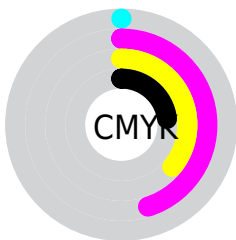
Distribution



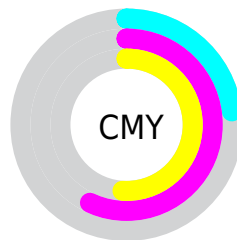
- Red (77%)
- Green (43%)
- Blue (49%)



- Red (77%)
- Yellow (43%)
- Blue (49%)



- Cyan (0%)
- Magenta (45%)
- Yellow (36%)
- Black (23%)




- Cyan (23%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.2500, -5.5462, 52.4008 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 137.2500, -5.5462, 52.4008 by changing the saturation by 10% instead.


 137.2500, -5.5462,
52.4008

 137.2500, -5.5462,
52.4008


255.0000, 0.0000,
0.0000

 110.4670, -4.6672,
50.4564

 191.7450, -6.2833,
55.4746

 84.6840, -3.7882,
48.5121


 211.2590, -2.5927,
38.3609


 59.4280, -2.1830,
46.9826

 230.8870, 1.5347,
21.1471

 31.8240, 0.5798,
47.5124

 250.3040, 2.3151,
4.1184

 19.0800, -4.4764,
35.8868

 10.5790, -4.7224,
21.4172

 0.0000, 0.0000,

0.0000

■ 137.2500, -5.5462,
52.4008

■ 137.2500, -5.5462,
52.4008

■ 123.6860, -6.7472,
64.2964

■ 150.8140, -4.3453,
40.5051

■ 110.7090, -8.2375,
75.6772

■ 163.7910, -2.8550,
29.1243

■ 97.1450, -9.4385,
87.5728

■ 177.3550, -1.6540,
17.2287

■ 83.5810, -10.6394,
99.4685

■ 190.9190, -0.4531,
5.3330

■ 70.7180, -11.6930,
110.7493

■ 204.3690, 0.3111,
-6.4626

■ 63.2350, -12.4409,
117.3119

■ 217.3460, 1.8014,
-17.8434

■ 230.9100, 3.0024,
-29.7391

■ 237.4300, 7.6760,
-35.4571

■ 237.6580, 8.5496,
-35.6571

Harmonies

Analogous

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



138.8860, 9.9162, 39.5650



137.2500, -5.5462, 52.4008



136.1560, -19.7969, 49.8522

Triad

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



137.2500, -5.5462, 52.4008



127.5810, -21.4854, -15.4185



114.5210, 39.6761, -79.3869

Complementary

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



137.2500, -5.5462, 52.4008



168.7500, 5.5462, -52.4008

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.



108.1140, 33.4678, -94.8160



137.2500, -5.5462, 52.4008



120.8510, -4.3635, -47.2273

Square

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



137.2500, -5.5462, 52.4008



131.7540, -30.4447, 11.6167



105.7540, 19.3483, -92.7463



132.7280, 32.6721, -26.0715

Rectangle

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



137.2500, -5.5462, 52.4008



135.1520, -27.1899, 41.0857



105.7540, 19.3483, -92.7463



107.9490, 40.4511, -94.6713

Sweetspot

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



137.2500, -5.5462, 52.4008



232.5510, -2.2436, 19.6878



139.9620, 28.1197, 34.2363



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.



137.2500, -5.5462, 52.4008



161.3400, -8.5486, 82.1398



150.5740, -20.4960, 40.7156



92.8050, -0.8899, 5.4330



52.3850, -10.0498, 97.0094



11.5620, -2.2491, 21.4321

Inverse Universe

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



137.2500, -5.5462, 52.4008



161.3400, -8.5486, 82.1398



155.4260, 20.4960, -40.7156



92.8050, -0.8899, 5.4330



52.3850, -10.0498, 97.0094



11.5620, -2.2491, 21.4321

Previews

White Background



This preview shows how the YUV color 137.2500, -5.5462, 52.4008 looks on a white background.

Color Contrast Check

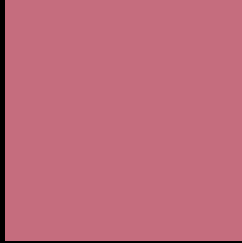
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.2500, -5.5462, 52.4008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

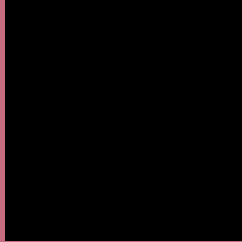
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.2500, -5.5462, 52.4008

Background



This preview shows how black text looks on a background with the YUV color 137.2500, -5.5462, 52.4008.



This preview shows how white text looks on a background with the YUV color 137.2500, -5.5462,

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

137.2500, -5.5462, 52.4008

Protanopia

136.2820, 2.3260, 0.6297

Deuteranopia

136.8510, -7.3215, 15.0397



Tritanopia

136.6260, -9.1826, 52.0710

Trichromacy



Original Color

137.2500, -5.5462, 52.4008

Protanomaly

137.0070, -0.4965, 19.2879

Deuteranomaly

137.0530, -6.9281, 28.8945

Tritanomaly

136.9680, -7.8722, 51.7711

Monochromacy



Original Color

137.2500, -5.5462, 52.4008

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2520, -2.0962, 19.0730

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2500, -5.5462, 52.4008 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(197, 109, 126)` looks like.

```
.text, #text, p{  
    color:rgb(197, 109, 126)  
}
```

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(197, 109, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 109, 126) }
```

Border

The CSS property to change the border of an element to YUV 137.2500, -5.5462, 52.4008 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(197, 109, 126) }
```


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

```
.border{ border-color:rgb(197, 109, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 109, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 109, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 109, 126);  
box-shadow:4px 4px 4px 4px rgb(197, 109,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 137.2500, -5.5462, 52.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 109, 126) }
```

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

```
.background{ background-color: rgb(197,  
109, 126) }
```

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