

Converting Colors

YUV(137.2200, -10.4615,
-4.5779)

Have a look what the booklet for
YUV(137.2200, -10.4615, -4.5779)
contains.

YUV(137.2200, -10.4615, -4.5779)	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(137.2200, -10.4615,
-4.5779)**

Conversions

Conversions Part 1

Format	Color
Hex	849074
RGB	132, 144, 116
RGB Percent	52%, 56%, 45%
CMY	0.4824, 0.4353, 0.5451
CMYK	0.08, 0.00, 0.19, 0.44
HSL	86°, 11%, 51%
HSV	86°, 19%, 56%
XYZ	22.6414, 26.1130, 20.3700
YIQ	137.2200, 1.8360, -11.2520

Conversions

Conversions Part 2

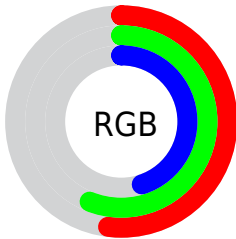
Format	Color
R_{YB}	116, 144, 128
Decimal	8687732
CIE _{Lab}	58.14, -9.64, 13.45
CIE _{LCh}	58, 16.545, 125.625
Yxy	26.1130, 0.3275, 0.3778
Android (android.graphics.Color)	4286877812 (0xFF849074)
YUV	137.2200, -10.4615, -4.5779
Hunter-Lab	51.1009, -10.3382, 12.1363

Details

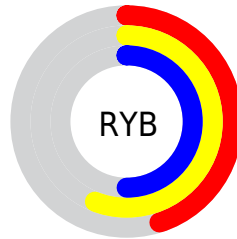
The YUV color $137.2200, -10.4615, -4.5779$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $122.7800, 10.4615, 4.5779$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.6930, -11.1876, -4.9928$, and $87.4480, -9.5879, -4.7779$ is the 20% darker color. If you saturate the color by 10%, you get $133.8300, -15.6922, -6.8669$, and if you desaturate by 10%, it is $140.6100, -5.2307, -2.2890$.

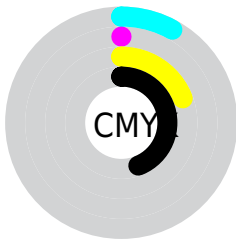
Distribution



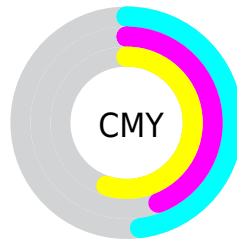
- Red (52%)
- Green (56%)
- Blue (45%)



- Red (45%)
- Yellow (56%)
- Blue (50%)



- Cyan (8%)
- Magenta (0%)
- Yellow (19%)
- Black (44%)



- Cyan (48%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.2200, -10.4615, -4.5779 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 137.2200, -10.4615, -4.5779 by changing the saturation by 10% instead.

■ 137.2200,
-10.4615, -4.5779

■ 137.2200,
-10.4615, -4.5779

255.0000, 0.0000,
0.0000

■ 111.6330,
-10.1721, -4.0631

■ 190.6930,
-11.1876, -4.9928

■ 87.4480, -9.5879,
-4.7779

■ 218.5790,
-11.6244, -4.8928

■ 63.8610, -9.2985,
-4.2631

■ 246.5790,
-11.6244, -4.8928

■ 41.9750, -8.8617,
-4.3631

254.6580, -1.3104,
0.2999

■ 21.2310, -10.4669,
-2.8336

■ 0.0000, 0.0000,
0.0000

■ 137.2200,
-10.4615, -4.5779

■ 137.2200,
-10.4615, -4.5779

■ 133.8300,
-15.6922, -6.8669

■ 140.6100, -5.2307,
-2.2890

■ 130.3260,
-21.3597, -9.0559

■ 144.1140, 0.4368,
-0.1000

■ 126.6370,
-26.4430, -11.9596

■ 147.8030, 5.5201,
2.8038

■ 123.1330,
-32.1106, -14.1486

■ 151.3070, 11.1876,
4.9928

■ 119.7430,
-37.3413, -16.4376

■ 154.6970, 16.4184,
7.2817

■ 116.3530,
-42.5720, -18.7266

■ 158.0870, 21.6491,
9.5707

■ 112.8490,
-48.2396, -20.9156


■ 161.5910, 27.3166,
11.7597

■ 109.4590,

■ 164.9810, 32.5474,

-53.4703, -23.2045

14.0487

 109.0460,
-53.7597, -23.7193

 168.7840, 38.0675,
16.8524

Harmonies

Analogous

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



139.0860, -13.8464, 7.8176



137.2200, -10.4615, -4.5779



135.4510, -4.1663, -17.0585

Triad

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



137.2200, -10.4615, -4.5779



136.0430, 14.7688, -23.7167



142.4590, -2.6913, 23.2765

Complementary

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



137.2200, -10.4615, -4.5779



122.7800, 10.4615, 4.5779

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.



142.3640, 4.7505, 16.3438



137.2200, -10.4615, -4.5779



139.3050, 14.1466, -10.7915

Square

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



137.2200, -10.4615, -4.5779



134.2720, 10.7119, -29.1795



141.4810, 10.6089, 3.9632



141.5640, -8.6591, 24.0614

Rectangle

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



137.2200, -10.4615, -4.5779



134.4870, 1.2389, -24.1061



141.4810, 10.6089, 3.9632



142.4310, -0.2125, 21.5470

Sweetspot

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



137.2200, -10.4615, -4.5779



183.2510, -4.0677, -1.9741



131.4160, -7.6001, 11.0362



92.7180, -2.3260, -0.6297



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



137.2200, -10.4615, -4.5779



175.7160, -16.1290, -6.7669



133.0340, -8.3978, -13.1848



69.3050, -2.6154, -1.1445



102.2680, -50.4181, -22.1600



5.8920, -2.9048, -1.6593

Inverse Universe

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



122.7800, 10.4615, 4.5779



153.5830, 15.9816, 7.3817



126.9660, 8.3978, 13.1848



65.6950, 2.6154, 1.1445



32.7320, 50.4181, 22.1600



1.8090, 3.0522, 1.0445

Previews

White Background



This preview shows how the YUV color 137.2200, -10.4615, -4.5779 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 137.2200, -10.4615, -4.5779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

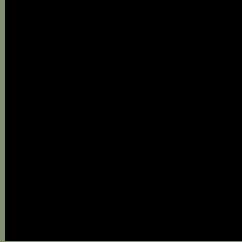
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.2200, -10.4615, -4.5779

Background



This preview shows how black text looks on a background with the YUV color 137.2200, -10.4615, -4.5779.



This preview shows how white text looks on a background with the YUV color 137.2200, -10.4615, -4.5779.

-4.5779.

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

137.2200, -10.4615, -4.5779

Protanopia

138.8410, -12.2466, 8.0324

Deuteranopia

140.2490, -10.9688, 18.1986



Tritanopia

139.6560, 5.0996, -2.3293

Trichromacy



Original Color

137.2200, -10.4615, -4.5779

Protanomaly

138.3350, -11.5042, 3.2142

Deuteranomaly

139.1940, -10.9416, 9.4769

Tritanomaly

138.8640, -0.4260, -3.3887

Monochromacy



Original Color

137.2200, -10.4615, -4.5779

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2510, -4.0677, -1.9741

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2200, -10.4615, -4.5779 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(132, 144, 116)` looks like.

```
.text, #text, p{  
    color:rgb(132, 144, 116)  
}
```

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(132, 144, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 144, 116) }
```

Border

The CSS property to change the border of an element to YUV 137.2200, -10.4615, -4.5779 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(132, 144, 116) }
```


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

```
.border{ border-color:rgb(132, 144, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 144, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 144, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 144, 116);  
box-shadow:4px 4px 4px 4px rgb(132, 144,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 137.2200, -10.4615, -4.5779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 144, 116) }
```

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

```
.background{ background-color: rgb(132,  
144, 116) }
```

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