

Converting Colors

YUV(135.4500, -18.9558,
60.1184)

Have a look what the booklet for
YUV(135.4500, -18.9558, 60.1184)
contains.

YUV(135.4500, -18.9558, 60.1184)	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(135.4500, -18.9558,
60.1184)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6C61
RGB	204, 108, 97
RGB Percent	80%, 42%, 38%
CMY	0.2000, 0.5765, 0.6196
CMYK	0.00, 0.47, 0.52, 0.20
HSL	6°, 51%, 59%
HSV	6°, 52%, 80%
XYZ	32.4221, 24.4256, 14.3150
YIQ	135.4500, 60.7470, 16.9310

Conversions

Conversions Part 2

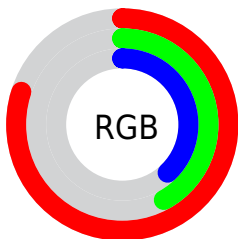
Format	Color
R_{YB}	204, 109, 97
Decimal	13397089
CIE _{Lab}	56.51, 36.81, 23.32
CIE _{LCh}	57, 43.576, 32.359
Yxy	24.4256, 0.4556, 0.3432
Android (android.graphics.Color)	4291587169 (0xFFCC6C61)
YUV	135.4500, -18.9558, 60.1184
Hunter-Lab	49.4222, 30.6111, 17.4223

Details

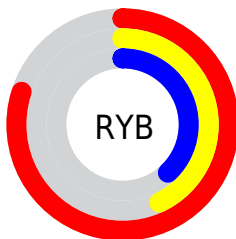
The YUV color **135.4500, -18.9558, 60.1184** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **165.5500, 18.9559, -60.1183**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.6240, -19.5346, 59.0888**, and **82.8130, -16.1768, 55.4150** is the 20% darker color. If you saturate the color by 10%, you get **122.6040, -22.4828, 71.3843**, and if you desaturate by 10%, it is **148.2960, -15.4289, 48.8524**.

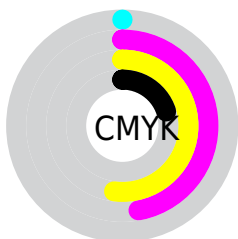
Distribution



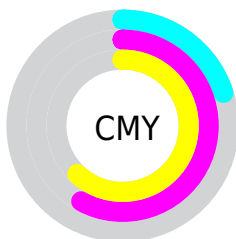
- Red (80%)
- Green (42%)
- Blue (38%)



- Red (80%)
- Yellow (43%)
- Blue (38%)



- Cyan (0%)
- Magenta (47%)
- Yellow (52%)
- Black (20%)




- Cyan (20%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.4500, -18.9558, 60.1184 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 135.4500, -18.9558, 60.1184 by changing the saturation by 10% instead.


 135.4500,
-18.9558, 60.1184

 135.4500,
-18.9558, 60.1184


255.0000, 0.0000,
0.0000

 108.7810,
-17.6400, 58.0741


 187.6240,
-19.5346, 59.0888

 82.8130, -16.1768,
55.4150


 207.0240,
-16.2808, 42.0750


 57.0730, -13.8400,
52.5560

 226.6520,
-12.1534, 24.8612

 28.3550, -11.5140,
53.1857

 246.8670, -8.3154,
7.1326

 18.5380, -9.1392,
38.1162

 10.8780, -4.8699,
22.0320

 0.0000, 0.0000,

0.0000

■ 135.4500,
-18.9558, 60.1184

■ 135.4500,
-18.9558, 60.1184

■ 122.6040,
-22.4828, 71.3843

■ 148.2960,
-15.4289, 48.8524

■ 109.0570,
-26.1571, 83.2650

■ 161.8430,
-11.7546, 36.9717

■ 96.2110, -29.6840,
94.5310

■ 174.6890, -8.2277,
25.7057

■ 83.2510, -33.6477,
105.8969

■ 187.6490, -4.2640,
14.3398

■ 73.3230, -36.1482,
114.6037

■ 201.0820, -1.0264,
2.5591

■ 213.9280, 2.5005,
-8.7069

■ 226.8880, 6.4642,
-20.0728

■ 239.1640, 7.8071,
-30.8388

■ 239.7510, 7.5178,
-31.3536

Harmonies

Analogous

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



137.0320, -1.4948, 59.6079



135.4500, -18.9558, 60.1184



134.3930, -32.7317, 45.2593

Triad

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



135.4500, -18.9558, 60.1184



119.9450, -10.3259, -48.1868



127.1750, 41.3257, -48.3885

Complementary

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



135.4500, -18.9558, 60.1184



165.5500, 18.9559, -60.1183

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.



110.4910, 45.1139, -96.9006



135.4500, -18.9558, 60.1184



106.6030, 14.9857, -93.4908

Square

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



135.4500, -18.9558, 60.1184



127.6650, -28.9218, -10.2302



110.3480, 31.8734, -96.7752



138.0460, 30.5433, 3.4677

Rectangle

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



135.4500, -18.9558, 60.1184



132.5560, -36.7561, 29.3304



110.3480, 31.8734, -96.7752



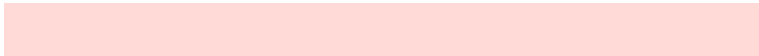
116.2640, 46.2118, -75.6535

Sweetspot

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



135.4500, -18.9558, 60.1184



228.6070, -7.2013, 23.1467



139.9370, 26.1601, 56.1833



112.2360, -4.5533, 13.8250



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.



135.4500, -18.9558, 60.1184



152.1180, -28.6522, 90.2275



166.5610, -34.2936, 32.8340



95.5770, -1.7635, 5.6330



59.6130, -29.3892, 93.3014



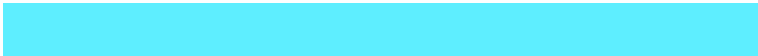
13.7100, -6.7590, 21.3023

Inverse Universe

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



165.5500, 18.9559, -60.1183



196.8820, 28.6522, -90.2275



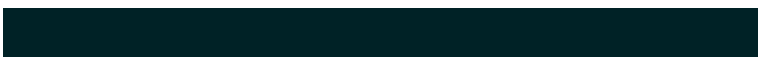
134.4390, 34.2936, -32.8340



98.4230, 1.7635, -5.6330



106.3870, 29.3892, -93.3014



24.2900, 6.7590, -21.3023

Previews

White Background



This preview shows how the YUV color 135.4500, -18.9558, 60.1184 looks on a white background.

Color Contrast Check

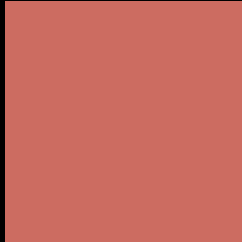
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.4500, -18.9558, 60.1184 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 135.4500, -18.9558, 60.1184 Background



This preview shows how black text looks on a background with the YUV color 135.4500, -18.9558, 60.1184.



This preview shows how white text looks on a background with the YUV color 135.4500, -18.9558,

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

135.4500, -18.9558, 60.1184

Protanopia

135.3140, -12.9728, 7.6176

Deuteranopia

135.6490, -21.0260, 23.9868



Tritanopia

136.3990, -11.5357, 60.1631

Trichromacy



Original Color

135.4500, -18.9558, 60.1184

Protanomaly

135.5660, -15.0690, 26.6906

Deuteranomaly

135.5520, -20.4851, 37.2269

Tritanomaly

136.3020, -14.4459, 60.2481

Monochromacy



Original Color

135.4500, -18.9558, 60.1184

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.0090, -6.9064, 21.9171

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.4500, -18.9558, 60.1184 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(204, 108, 97)` looks like.

```
.text, #text, p{  
    color:rgb(204, 108, 97)  
}
```

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(204, 108, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 108, 97) }
```

Border

The CSS property to change the border of an element to YUV 135.4500, -18.9558, 60.1184 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(204, 108, 97) }
```


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

```
.border{ border-color:rgb(204, 108, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 108, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 108, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 108, 97);  
box-shadow:4px 4px 4px 4px rgb(204, 108,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 135.4500, -18.9558, 60.1184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 108, 97) }
```

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

```
.background{ background-color: rgb(204,  
108, 97) }
```

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