

Converting Colors

YUV(135.7710, -19.1141,
64.2218)

Have a look what the booklet for
YUV(135.7710, -19.1141, 64.2218)
contains.

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Color

**YUV(135.7710, -19.1141,
64.2218)**

Conversions

Conversions Part 1

Format	Color
Hex	D16A61
RGB	209, 106, 97
RGB Percent	82%, 42%, 38%
CMY	0.1804, 0.5843, 0.6196
CMYK	0.00, 0.49, 0.54, 0.18
HSL	5°, 55%, 60%
HSV	5°, 54%, 82%
XYZ	33.6062, 24.7264, 14.3107
YIQ	135.7710, 64.2770, 19.0370

Conversions

Conversions Part 2

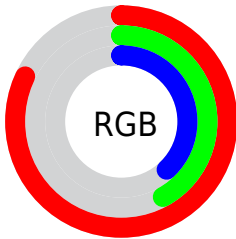
Format	Color
R_{YB}	209, 107, 97
Decimal	13724257
CIE _{Lab}	56.81, 39.73, 23.84
CIE _{LCh}	57, 46.339, 30.968
Yxy	24.7264, 0.4626, 0.3404
Android (android.graphics.Color)	4291914337 (0xFFD16A61)
YUV	135.7710, -19.1141, 64.2218
Hunter-Lab	49.7257, 33.6160, 17.7447

Details

The YUV color **135.7710, -19.1141, 64.2218** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **170.2290, 19.1141, -64.2218**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.4500, -18.9558, 60.1184**, and **82.9490, -15.7509, 58.8037** is the 20% darker color. If you saturate the color by 10%, you get **122.2240, -22.7884, 76.1026**, and if you desaturate by 10%, it is **149.3180, -15.4398, 52.3411**.

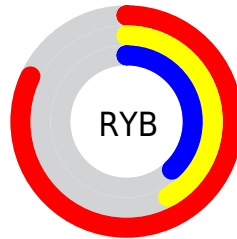
Distribution



Red (82%)

Green (42%)

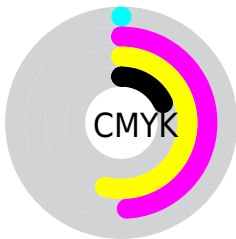
Blue (38%)



Red (82%)

Yellow (42%)

Blue (38%)

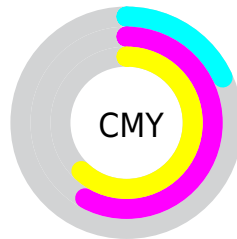


Cyan (0%)

Magenta (49%)

Yellow (54%)

Black (18%)



Cyan (18%)


Magenta (58%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.7710, -19.1141, 64.2218 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 135.7710, -19.1141, 64.2218 by changing the saturation by 10% instead.


 135.7710,
-19.1141, 64.2218


 135.7710,
-19.1141, 64.2218


255.0000, 0.0000,
0.0000

 108.8030,
-17.6509, 61.5628


 186.4500,
-18.9558, 60.1184


 82.9490, -15.7509,
58.8037

 205.8500,
-15.7020, 43.1046


 55.9210, -13.2721,
57.0743

 225.4780,
-11.5747, 25.8908

 28.4910, -11.0881,
56.5744

 245.6930, -7.7366,
8.1622

 19.4350, -9.5815,
39.9605

 11.7750, -5.3121,
23.8763

 0.0000, 0.0000,

0.0000

■ 135.7710,
-19.1141, 64.2218

■ 135.7710,
-19.1141, 64.2218

■ 122.2240,
-22.7884, 76.1026

■ 149.3180,
-15.4398, 52.3411

■ 108.6770,
-26.4628, 87.9833

■ 162.8650,
-11.7654, 40.4604

■ 94.5430, -29.8477,
100.3788

■ 176.9990, -8.3805,
28.0649

■ 80.9960, -33.5220,
112.2595

■ 190.5460, -4.7062,
16.1842

■ 72.4700, -35.7277,
119.7368

■ 204.0930, -1.0318,
4.3034

■ 217.5260, 2.2057,
-7.4773

■ 231.6600, 5.5906,
-19.8728

■ 241.2460, 6.7807,
-28.2797

Harmonies

Analogous

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



137.3960, -0.1952, 62.7967



135.7710, -19.1141, 64.2218



134.7740, -33.9056, 48.4332

Triad

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



135.7710, -19.1141, 64.2218



119.1790, -11.9202, -50.1460



124.2600, 45.7208, -58.1100

Complementary

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



135.7710, -19.1141, 64.2218



170.2290, 19.1141, -64.2218

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.



112.1210, 46.2823, -98.3301



135.7710, -19.1141, 64.2218



107.0760, 14.2595, -93.9057

Square

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



135.7710, -19.1141, 64.2218



127.9810, -31.5426, -9.6303



111.7500, 32.1683, -98.0047



138.7190, 33.1695, 1.1234

Rectangle

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



135.7710, -19.1141, 64.2218



133.2960, -39.0929, 32.1894



111.7500, 32.1683, -98.0047



109.1520, 52.6761, -95.7263

Sweetspot

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



135.7710, -19.1141, 64.2218



228.0200, -6.9119, 23.6615



142.4580, 29.3542, 58.3573



111.6490, -4.2640, 14.3398



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.



135.7710, -19.1141, 64.2218



148.3680, -27.7894, 93.5163



167.4690, -34.7412, 36.4227



97.8760, -1.9109, 6.2477



58.4500, -28.8159, 96.0754



14.0200, -6.9119, 23.6615

Inverse Universe

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



170.2290, 19.1141, -64.2218



198.6320, 27.7894, -93.5163



138.5310, 34.7412, -36.4227



101.1240, 1.9109, -6.2477



110.1370, 28.5265, -96.5901



26.9800, 6.9119, -23.6615

Previews

White Background



This preview shows how the YUV color 135.7710, -19.1141, 64.2218 looks on a white background.

Color Contrast Check

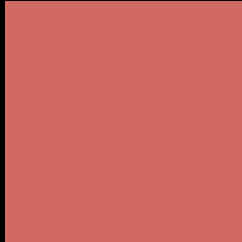
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7710, -19.1141, 64.2218 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 135.7710, -19.1141, 64.2218

Background



This preview shows how black text looks on a background with the YUV color 135.7710, -19.1141, 64.2218.



This preview shows how white text looks on a background with the YUV color 135.7710, -19.1141,

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

135.7710, -19.1141, 64.2218

Protanopia

136.4280, -12.5360, 7.5176

Deuteranopia

136.5350, -21.4628, 24.0868



Tritanopia

136.4920, -12.5676, 64.4665

Trichromacy



Original Color

135.7710, -19.1141, 64.2218

Protanomaly

136.2780, -14.9271, 27.8202

Deuteranomaly

136.1500, -20.7800, 38.4564

Tritanomaly

136.5090, -15.0409, 64.4516

Monochromacy



Original Color

135.7710, -19.1141, 64.2218

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.0200, -6.9119, 23.6615

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7710, -19.1141, 64.2218 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(209, 106, 97)` looks like.

```
.text, #text, p{  
    color:rgb(209, 106, 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(209, 106, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 106, 97) }
```

Border

The CSS property to change the border of an element to YUV 135.7710, -19.1141, 64.2218 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(209, 106, 97) }
```


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

```
.border{ border-color:rgb(209, 106, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 106, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 106, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 106, 97);  
box-shadow:4px 4px 4px 4px rgb(209, 106,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 135.7710, -19.1141, 64.2218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 106, 97) }
```

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

```
.background{ background-color: rgb(209,  
106, 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](#).

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