

Converting Colors

YUV(135.6170, -35.8002,
49.4479)

Have a look what the booklet for
YUV(135.6170, -35.8002, 49.4479)
contains.

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Color

**YUV(135.6170, -35.8002,
49.4479)**

Conversions

Conversions Part 1

Format	Color
Hex	C0793F
RGB	192, 121, 63
RGB Percent	75%, 47%, 25%
CMY	0.2471, 0.5255, 0.7529
CMYK	0.00, 0.37, 0.67, 0.25
HSL	27°, 51%, 50%
HSV	27°, 67%, 75%
XYZ	29.4728, 25.2401, 8.0211
YIQ	135.6170, 60.9340, -2.9860

Conversions

Conversions Part 2

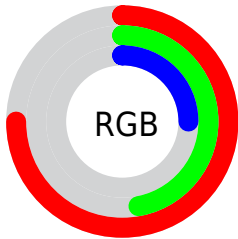
Format	Color
R_{YB}	192, 168, 63
Decimal	12613951
CIE _{Lab}	57.31, 22.44, 42.55
CIE _{LCh}	57, 48.108, 62.195
Yxy	25.2401, 0.4698, 0.4023
Android (android.graphics.Color)	4290804031 (0xFFC0793F)
YUV	135.6170, -35.8002, 49.4479
Hunter-Lab	50.2395, 16.7971, 25.7016

Details

The YUV color **135.6170, -35.8002, 49.4479** is a dark color, and the websafe version is hex **996633**. The color can be described as dark muted orange. A complement of this color would be **119.3830, 35.8002, -49.4479**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3680, -38.1424, 54.0513**, and **83.9260, -34.4735, 43.9149** is the 20% darker color. If you saturate the color by 10%, you get **126.9940, -40.9160, 57.0103**, and if you desaturate by 10%, it is **144.2400, -30.6843, 41.8855**.

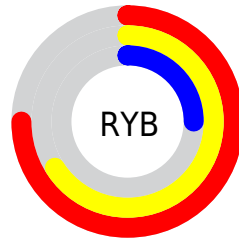
Distribution



Red (75%)

Green (47%)

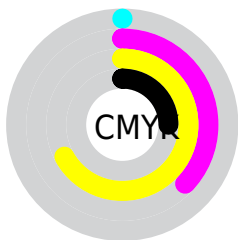
Blue (25%)



Red (75%)

Yellow (66%)

Blue (25%)

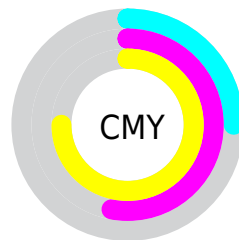


Cyan (0%)

Magenta (37%)

Yellow (67%)

Black (25%)



Cyan (25%)

Magenta (53%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.6170, -35.8002, 49.4479 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 135.6170, -35.8002, 49.4479 by changing the saturation by 10% instead.

■ 135.6170,
-35.8002, 49.4479

■ 135.6170,
-35.8002, 49.4479

■ 255.0000, 0.0000,
0.0000

■ 109.5350,
-34.7738, 46.8888

■ 190.3680,
-38.1424, 54.0513

■ 83.9260, -34.4735,
43.9149

■ 210.0780,
-35.0415, 39.3966

■ 60.4570, -29.8053,
39.9412

■ 229.5920,
-31.3509, 22.2828

■ 39.1710, -19.3113,
34.0530

■ 247.9320,
-27.0815, 6.1986

■ 18.1840, -8.9647,
28.7796

■ 251.1240,
-14.8511, 3.3993

■ 6.8770, -3.3904,
14.1399

■ 254.4300, -2.1840,

■ 0.0000, 0.0000,

0.4999

0.0000

■ 135.6170,
-35.8002, 49.4479

■ 135.6170,
-35.8002, 49.4479

■ 126.9940,
-40.9160, 57.0103

■ 144.2400,
-30.6843, 41.8855

■ 118.9580,
-46.3213, 64.0578

■ 152.2760,
-25.2791, 34.8379

■ 110.2210,
-51.8740, 71.7202

■ 161.0130,
-19.7264, 27.1756

■ 107.8900,
-53.1898, 73.7645

■ 169.0490,
-14.3212, 20.1280

■ 177.6720, -9.2053,
12.5657

■ 185.7080, -3.8000,
5.5181

■ 194.3310, 1.3158,
-2.0443

■ 203.0680, 6.8685,
-9.7066

■ 211.1040, 12.2737,
-16.7542

Harmonies

Analogous

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



136.4400, -20.4299, 66.2661



135.6170, -35.8002, 49.4479



132.6600, -41.2444, 22.2232

Triad

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



135.6170, -35.8002, 49.4479



108.5920, 14.9911, -95.2352



140.2570, 33.8903, 3.2826

Complementary

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



135.6170, -35.8002, 49.4479



119.3830, 35.8002, -49.4479

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.



125.3030, 47.1786, -59.0247



135.6170, -35.8002, 49.4479



113.3800, 33.3367, -99.4343

Square

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



135.6170, -35.8002, 49.4479



118.7870, -10.7410, -55.0642



113.2780, 48.1769, -99.3448



141.2700, 17.6149, 43.6132

Rectangle

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



135.6170, -35.8002, 49.4479



130.5540, -37.2481, 0.3911



113.2780, 48.1769, -99.3448



137.5860, 38.1651, -14.5459

Sweetspot

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



135.6170, -35.8002, 49.4479



227.8640, -13.7370, 19.4133



109.8930, 12.8708, 72.0078



111.6010, -8.1843, 11.7509



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



135.6170, -35.8002, 49.4479



161.1140, -56.2582, 77.9530



172.0110, -53.7424, 17.5304



92.9250, -2.9210, 3.5738



90.4030, -44.5687, 61.9136



18.6720, -9.2053, 12.5657

Inverse Universe

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



119.3830, 35.8002, -49.4479



135.8860, 56.2582, -77.9530



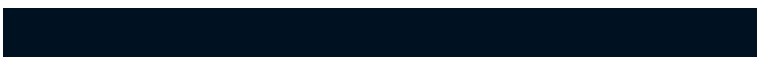
82.9890, 53.7424, -17.5304



91.6620, 2.6316, -4.0886



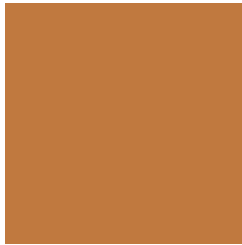
70.0100, 44.8581, -61.3988



14.3280, 9.2053, -12.5657

Previews

White Background



This preview shows how the YUV color 135.6170, -35.8002, 49.4479 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 135.6170, -35.8002, 49.4479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

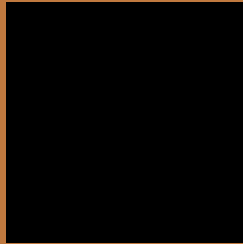
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.6170, -35.8002, 49.4479

Background



This preview shows how black text looks on a background with the YUV color 135.6170, -35.8002, 49.4479.



This preview shows how white text looks on a background with the YUV color 135.6170, -35.8002, 49.4479.

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

135.6170, -35.8002, 49.4479

Protanopia

134.5050, -32.7870, 16.2201

Deuteranopia

134.8660, -36.9089, 31.6895



Tritanopia

139.5440, -8.1562, 49.5119

Trichromacy



Original Color

135.6170, -35.8002, 49.4479

Protanomaly

134.9410, -33.9879, 28.1157

Deuteranomaly

135.0240, -36.4938, 38.5670

Tritanomaly

138.4980, -18.4865, 49.5523

Monochromacy



Original Color

135.6170, -35.8002, 49.4479

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9670, -13.2947, 17.5689

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6170, -35.8002, 49.4479 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(192, 121, 63)` looks like.

```
.text, #text, p{  
    color:rgb(192, 121, 63)  
}
```

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(192, 121, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 121, 63) }
```

Border

The CSS property to change the border of an element to YUV 135.6170, -35.8002, 49.4479 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(192, 121, 63) }
```


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

```
.border{ border-color:rgb(192, 121, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 121, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 121, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 121, 63);  
box-shadow:4px 4px 4px 4px rgb(192, 121,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 135.6170, -35.8002, 49.4479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 121, 63) }
```

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

```
.background{ background-color: rgb(192,  
121, 63) }
```

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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