

Converting Colors

YUV(156.8460, -43.3081,
30.8301)

Have a look what the booklet for
YUV(156.8460, -43.3081, 30.8301)
contains.

YUV(156.8460, -43.3081, 30.8301)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	28
CSS Examples	31

Color

**YUV(156.8460, -43.3081,
30.8301)**

Conversions

Conversions Part 1

Format	Color
Hex	C09C45
RGB	192, 156, 69
RGB Percent	75%, 61%, 27%
CMY	0.2471, 0.3882, 0.7294
CMYK	0.00, 0.19, 0.64, 0.25
HSL	42°, 49%, 51%
HSV	42°, 64%, 75%
XYZ	34.7009, 35.4131, 10.6367
YIQ	156.8460, 49.3830, -19.4250

Conversions

Conversions Part 2

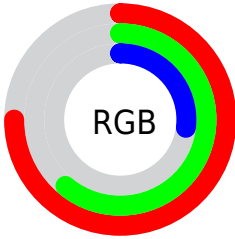
Format	Color
RYB	120, 192, 69
Decimal	12622917
CIELab	66.07, 3.61, 49.39
CIELCh	66, 49.519, 85.816
Yxy	35.4131, 0.4297, 0.4385
Android (android.graphics.Color)	4290812997 (0xFFC09C45)
YUV	156.8460, -43.3081, 30.8301
Hunter-Lab	59.5089, -0.0535, 31.0586

Details

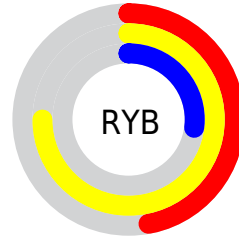
The YUV color $156.8460, -43.3081, 30.8301$ is a dark color, and the websafe version is hex $CC9933$. The color can be described as middle muted orange. A complement of this color would be $104.1540, 43.3081, -30.8301$, and the grayscale version is $157.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $212.1130, -44.9187, 34.1039$, and $103.7100, -43.7340, 27.4413$ is the 20% darker color. If you saturate the color by 10%, you get $151.1580, -49.8709, 35.8184$, and if you desaturate by 10%, it is $162.5340, -36.7453, 25.8417$.

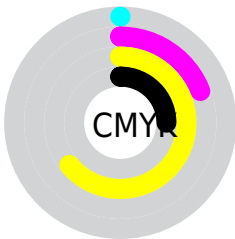
Distribution



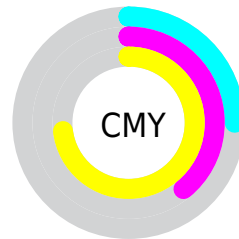
- Red (75%)
- Green (61%)
- Blue (27%)



- Red (47%)
- Yellow (75%)
- Blue (27%)



- Cyan (0%)
- Magenta (19%)
- Yellow (64%)
- Black (25%)



- Cyan (25%)
- Magenta (39%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.8460, -43.3081, 30.8301 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 156.8460, -43.3081, 30.8301 by changing the saturation by 10% instead.

■ 156.8460,
-43.3081, 30.8301

■ 156.8460,
-43.3081, 30.8301

255.0000, 0.0000,
0.0000

■ 129.9490,
-42.8659, 28.9857

■ 212.1130,
-44.9187, 34.1039

■ 103.7100,
-43.7340, 27.4413

■ 233.2960,
-42.5439, 19.0344

■ 79.8390, -39.3606,
24.6972

■ 245.8800,
-34.9438, 7.9982

■ 58.2650, -28.7246,
19.9386

■ 249.0720,
-22.7135, 5.1989

■ 38.1640, -18.8149,
14.7652

■ 252.2640,
-10.4832, 2.3995

■ 18.9490, -9.3419,
9.6917

■ 0.0000, 0.0000,

0.0000

■ 156.8460,
-43.3081, 30.8301

■ 156.8460,
-43.3081, 30.8301

■ 151.1580,
-49.8709, 35.8184

■ 162.5340,
-36.7453, 25.8417

■ 146.0570,
-56.7231, 40.2920

■ 167.6350,
-29.8931, 21.3681

■ 140.2550,
-63.7227, 45.3804

■ 173.4370,
-22.8934, 16.2798

■ 137.2400,
-67.6593, 48.0245

■ 178.5380,
-16.0412, 11.8062

■ 184.2260, -9.4784,
6.8178

■ 189.9140, -2.9156,
1.8294

■ 195.0150, 3.9366,
-2.6442

■ 200.8170, 10.9362,
-7.7325

■ 206.5050, 17.4990,
-12.7209

Harmonies

Analogous

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



159.4870, -35.2431, 57.4549



156.8460, -43.3081, 30.8301



152.8200, -37.3793, -4.2271

Triad

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



156.8460, -43.3081, 30.8301



129.9930, 33.5275, -114.0039



165.5020, 22.4305, 39.0247

Complementary

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



156.8460, -43.3081, 30.8301



104.1540, 43.3081, -30.8301

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.



162.1570, 38.8696, -7.1537



156.8460, -43.3081, 30.8301



131.0480, 50.2623, -114.9291

Square

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



156.8460, -43.3081, 30.8301



124.8630, 13.8715, -109.5049



143.4580, 52.0322, -75.8237



162.9280, 2.9935, 66.7151

Rectangle

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



156.8460, -43.3081, 30.8301



148.0430, -25.6572, -30.7327



143.4580, 52.0322, -75.8237



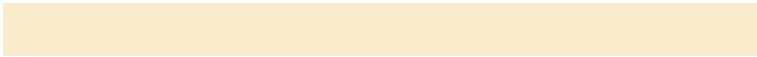
165.6080, 28.2943, 24.8998

Sweetspot

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



156.8460, -43.3081, 30.8301



236.3100, -16.9148, 12.0061



109.9950, -1.9695, 71.9184



116.9980, -10.3520, 7.0178



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.



156.8460, -43.3081, 30.8301



195.1260, -68.0961, 48.1245



170.5030, -50.0410, -3.0721



94.0990, -3.4998, 2.5442



115.0570, -56.7231, 40.2920



23.3680, -11.5204, 8.4473

Inverse Universe

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



104.1540, 43.3081, -30.8301



112.4610, 67.8067, -48.6393



90.4970, 50.0410, 3.0721



89.9010, 3.4998, -2.5442



45.9430, 56.7231, -40.2920



9.6320, 11.5204, -8.4473

Previews

White Background



This preview shows how the YUV color 156.8460, -43.3081, 30.8301 looks on a white background.

Color Contrast Check

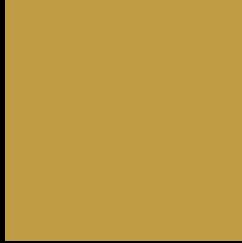
Large Text (above 18pt) WCAG AA × Fail

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 156.8460, -43.3081, 30.8301 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 ✓ Pass

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

YUV 156.8460, -43.3081, 30.8301 Background



This preview shows how black text looks on a background with the YUV color 156.8460, -43.3081, 30.8301.



This preview shows how white text looks on a background with the YUV color 156.8460, -43.3081, 30.8301.

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

156.8460, -43.3081, 30.8301

Protanopia

156.1220, -41.9651, 20.0640

Deuteranopia

157.2920, -43.0350, 36.5779



Tritanopia

163.8020, -2.8604, 30.8686

Trichromacy



Original Color

156.8460, -43.3081, 30.8301

Protanomaly

156.3290, -42.5602, 24.2675

Deuteranomaly

156.9820, -42.8821, 34.2188

Tritanomaly

161.0180, -17.2639, 30.6792

Monochromacy



Original Color

156.8460, -43.3081, 30.8301

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.2390, -15.8938, 11.1914

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.8460, -43.3081, 30.8301 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, 156, 69)` looks like.

```
.text, #text, p{  
    color:rgb(192, 156, 69)  
}
```

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, 156, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 156, 69) }
```

Border

The CSS property to change the border of an element to YUV 156.8460, -43.3081, 30.8301 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, 156, 69) }
```


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

```
.border{ border-color:rgb(192, 156, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 156, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 156, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 156, 69);  
box-shadow:4px 4px 4px 4px rgb(192, 156,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 156.8460, -43.3081, 30.8301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 156, 69) }
```

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

```
.background{ background-color: rgb(192,  
156, 69) }
```

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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