

Converting Colors

YUV(156.6330, -50.1051,
64.3429)

Have a look what the booklet for
YUV(156.6330, -50.1051, 64.3429)
contains.

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Color

**YUV(156.6330, -50.1051,
64.3429)**

Conversions

Conversions Part 1

Format	Color
Hex	E68B37
RGB	230, 139, 55
RGB Percent	90%, 55%, 22%
CMY	0.0980, 0.4549, 0.7843
CMYK	0.00, 0.40, 0.76, 0.10
HSL	29°, 78%, 56%
HSV	29°, 76%, 90%
XYZ	42.5553, 35.5641, 8.2361
YIQ	156.6330, 81.2000, -6.8320

Conversions

Conversions Part 2

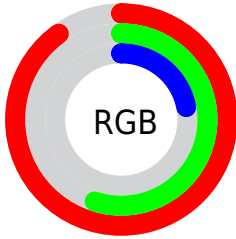
Format	Color
R _Y B	230, 217, 55
Decimal	15108919
CIE Lab	66.19, 28.26, 57.12
CIE LCh	66, 63.726, 63.673
Yxy	35.5641, 0.4928, 0.4118
Android (android.graphics.Color)	4293298999 (0xFFE68B37)
YUV	156.6330, -50.1051, 64.3429
Hunter-Lab	59.6356, 23.0134, 33.5566

Details

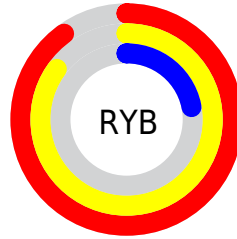
The YUV color **156.6330, -50.1051, 64.3429** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **128.3670, 50.1051, -64.3429**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.7340, -46.7039, 46.7143**, and **102.1870, -50.3782, 58.5950** is the 20% darker color. If you saturate the color by 10%, you get **146.9670, -56.6787, 72.8199**, and if you desaturate by 10%, it is **166.2990, -43.5314, 55.8658**.

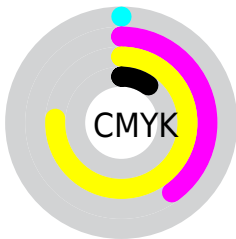
Distribution



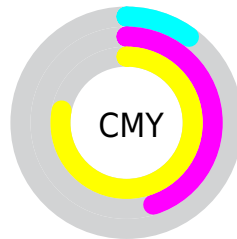
- Red (90%)
- Green (55%)
- Blue (22%)



- Red (90%)
- Yellow (85%)
- Blue (22%)



- Cyan (0%)
- Magenta (40%)
- Yellow (76%)
- Black (10%)



- Cyan (10%)
- Magenta (45%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.6330, -50.1051, 64.3429 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 156.6330, -50.1051, 64.3429 by changing the saturation by 10% instead.

156.6330,
-50.1051, 64.3429

156.6330,
-50.1051, 64.3429

255.0000, 0.0000,
0.0000

129.0240,
-49.8048, 61.3690

201.7340,
-46.7039, 46.7143

102.1870,
-50.3782, 58.5950

221.2480,
-43.0133, 29.6005

79.1290, -39.0106,
52.5069

241.3490,
-39.6121, 11.9719

56.9570, -28.0798,
46.5187

247.3620,
-29.2655, 6.6985

34.1980, -16.8596,
41.0454

250.6680,
-16.5983, 3.7992

16.1460, -7.9600,
33.1980

253.9740, -3.9312,

7.2900, -3.1010,

0.8998

14.6547

■ 0.0000, 0.0000,
0.0000

■ 156.6330,
-50.1051, 64.3429

■ 156.6330,
-50.1051, 64.3429

■ 146.9670,
-56.6787, 72.8199

■ 166.2990,
-43.5314, 55.8658

■ 137.3010,
-63.2524, 81.2970

■ 175.9650,
-36.9577, 47.3887

■ 133.3400,
-65.7366, 84.7708

■ 185.6310,
-30.3841, 38.9116

■ 195.2970,
-23.8104, 30.4345

■ 204.9630,
-17.2368, 21.9574

■ 214.6290,
-10.6631, 13.4804

■ 224.2950, -4.0894,
5.0033

■ 233.9610, 2.4842,
-3.4738

■ 242.8290, 6.0003,
-11.2510

Harmonies

Analogous

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



155.8510, -27.0415, 86.9537



156.6330, -50.1051, 64.3429



152.5840, -59.4479, 27.5518

Triad

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



156.6330, -50.1051, 64.3429



129.2800, 18.1030, -113.3786



164.1400, 44.7940, 6.0162

Complementary

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



156.6330, -50.1051, 64.3429



128.3670, 50.1051, -64.3429

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.



125.9250, 63.6340, -110.4362



156.6330, -50.1051, 64.3429



135.1910, 43.2898, -118.5625

Square

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



156.6330, -50.1051, 64.3429



120.9180, -6.3686, -104.2911



134.7300, 59.2931, -118.1582



164.1120, 24.1018, 63.0458

Rectangle

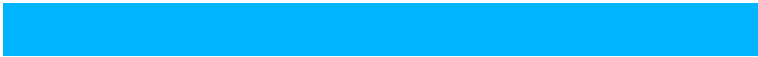
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



156.6330, -50.1051, 64.3429



149.1610, -51.3514, -2.7722



134.7300, 59.2931, -118.1582



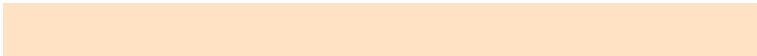
159.5670, 47.0485, -17.1603

Sweetspot

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



156.6330, -50.1051, 64.3429



230.6640, -17.0894, 21.3427



117.9270, 14.8260, 98.2880



112.7430, -10.2263, 13.3804



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.



156.6330, -50.1051, 64.3429



157.5250, -66.3208, 85.4856



206.5280, -74.7033, 20.5849



110.1100, -3.5052, 4.2885



104.0030, -51.2735, 65.7724



29.3370, -14.4631, 18.9985

Inverse Universe

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



128.3670, 50.1051, -64.3429



120.4750, 66.3208, -85.4856



78.4720, 74.7033, -20.5849



107.8900, 3.5052, -4.2885



74.9970, 51.2735, -65.7724



21.6630, 14.4631, -18.9985

Previews

White Background



This preview shows how the YUV color 156.6330, -50.1051, 64.3429 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 156.6330, -50.1051, 64.3429 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 156.6330, -50.1051, 64.3429

Background



This preview shows how black text looks on a background with the YUV color 156.6330, -50.1051, 64.3429.



This preview shows how white text looks on a background with the YUV color 156.6330, -50.1051,

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

156.6330, -50.1051, 64.3429

Protanopia

155.8680, -46.7699, 21.1638

Deuteranopia

155.9090, -52.2131, 40.4218



Tritanopia

162.5350, -11.1098, 63.5518

Trichromacy



Original Color

156.6330, -50.1051, 64.3429

Protanomaly

156.3260, -47.9817, 36.5481

Deuteranomaly

156.1920, -51.3667, 48.9436

Tritanomaly

160.1640, -25.2239, 63.8772

Monochromacy



Original Color

156.6330, -50.1051, 64.3429

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.7460, -18.1158, 23.9018

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.6330, -50.1051, 64.3429 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(230, 139, 55)` looks like.

```
.text, #text, p{  
    color:rgb(230, 139, 55)  
}
```

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(230, 139, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 139, 55) }
```

Border

The CSS property to change the border of an element to YUV 156.6330, -50.1051, 64.3429 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(230, 139, 55) }
```


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

```
.border{ border-color:rgb(230, 139, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 139, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 139, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 139, 55);  
box-shadow:4px 4px 4px 4px rgb(230, 139,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 156.6330, -50.1051, 64.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 139, 55) }
```

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

```
.background{ background-color: rgb(230,  
139, 55) }
```

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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