

Converting Colors

YUV(165.8750, -43.8154,
53.6066)

Have a look what the booklet for
YUV(165.8750, -43.8154, 53.6066)
contains.

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Color

**YUV(165.8750, -43.8154,
53.6066)**

Conversions

Conversions Part 1

Format	Color
Hex	E3984D
RGB	227, 152, 77
RGB Percent	89%, 60%, 30%
CMY	0.1098, 0.4039, 0.6980
CMYK	0.00, 0.33, 0.66, 0.11
HSL	30°, 73%, 60%
HSV	30°, 66%, 89%
XYZ	44.2463, 39.3232, 12.2793
YIQ	165.8750, 68.7750, -7.4250

Conversions

Conversions Part 2

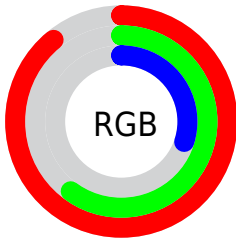
Format	Color
R _{YB}	227, 227, 77
Decimal	14915661
CIE Lab	68.98, 21.20, 49.90
CIE LCh	69, 54.213, 66.984
Yxy	39.3232, 0.4616, 0.4103
Android (android.graphics.Color)	4293105741 (0xFFE3984D)
YUV	165.8750, -43.8154, 53.6066
Hunter-Lab	62.7082, 16.2086, 32.2858

Details

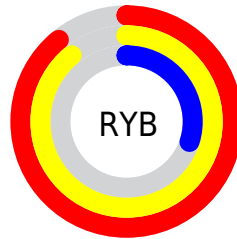
The YUV color **165.8750, -43.8154, 53.6066** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **138.1250, 43.8154, -53.6066**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.8730, -40.8564, 37.8224**, and **112.1840, -42.4887, 48.0736** is the 20% darker color. If you saturate the color by 10%, you get **156.7960, -50.6784, 61.5689**, and if you desaturate by 10%, it is **174.9540, -36.9523, 45.6443**.

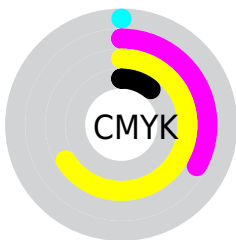
Distribution



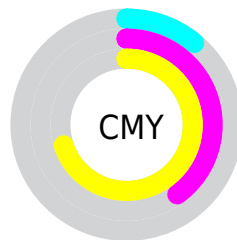
- Red (89%)
- Green (60%)
- Blue (30%)



- Red (89%)
- Yellow (89%)
- Blue (30%)



- Cyan (0%)
- Magenta (33%)
- Yellow (66%)
- Black (11%)



- Cyan (11%)
- Magenta (40%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8750, -43.8154, 53.6066 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 165.8750, -43.8154, 53.6066 by changing the saturation by 10% instead.

165.8750,
-43.8154, 53.6066

165.8750,
-43.8154, 53.6066

255.0000, 0.0000,
0.0000

138.7930,
-42.7889, 51.0475

211.8730,
-40.8564, 37.8224

112.1840,
-42.4887, 48.0736

231.8600,
-37.8920, 20.2938

86.4610, -42.6253,
45.1997

246.7920,
-31.4495, 7.1984

64.0010, -31.5525,
40.3411

249.9840,
-19.2191, 4.3990

42.4160, -20.9111,
33.8382

253.2900, -6.5520,
1.4997

22.0160, -10.8539,
28.0500

9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,
0.0000

■ 165.8750,
-43.8154, 53.6066

■ 165.8750,
-43.8154, 53.6066

■ 156.7960,
-50.6784, 61.5689

■ 174.9540,
-36.9523, 45.6443

■ 147.2440,
-56.8153, 69.9460

■ 184.5060,
-30.8155, 37.2672

■ 138.1650,
-63.6783, 77.9083

■ 193.5850,
-23.9524, 29.3050

■ 134.7910,
-66.4520, 80.8673

■ 202.6640,
-17.0894, 21.3427

■ 212.2160,
-10.9525, 12.9656

■ 221.2950, -4.0894,
5.0033

■ 230.3740, 2.7736,
-2.9590

■ 239.5840, 7.6001,
-11.0362

■ 246.0410, 4.4168,
-16.6990

Harmonies

Analogous

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



167.3720, -27.2984, 75.9728



165.8750, -43.8154, 53.6066



162.3410, -47.4961, 20.7489

Triad

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



165.8750, -43.8154, 53.6066



133.6970, 22.3344, -117.2523



172.7080, 36.6260, 12.5341

Complementary

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



165.8750, -43.8154, 53.6066



138.1250, 43.8154, -53.6066

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.



158.7600, 47.4463, -51.5325



165.8750, -43.8154, 53.6066



137.8810, 43.4427, -120.9216

Square

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



165.8750, -43.8154, 53.6066



143.4640, -7.6238, -74.9519



137.0780, 58.1355, -120.2174



172.9450, 17.2821, 57.0532

Rectangle

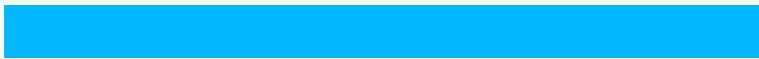
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



165.8750, -43.8154, 53.6066



159.1850, -41.0102, -6.3012



137.0780, 58.1355, -120.2174



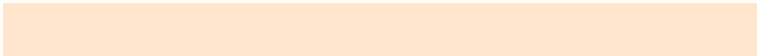
169.9660, 41.9218, -6.1092

Sweetspot

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



165.8750, -43.8154, 53.6066



234.5110, -15.0419, 17.9689



130.4000, 10.6488, 84.7182



115.0740, -8.9105, 11.3361



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.



165.8750, -43.8154, 53.6066



172.7990, -58.5679, 72.0903



209.9000, -65.5197, 14.9967



110.1100, -3.5052, 4.2885



105.7640, -52.1417, 64.2280



30.5110, -15.0419, 17.9689

Inverse Universe

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



138.1250, 43.8154, -53.6066



135.6140, 58.8573, -71.5755



94.1000, 65.5197, -14.9967



107.8900, 3.5052, -4.2885



72.6490, 52.4310, -63.7132



21.0760, 14.7525, -18.4837

Previews

White Background



This preview shows how the YUV color 165.8750, -43.8154, 53.6066 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 165.8750, -43.8154, 53.6066 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 165.8750, -43.8154, 53.6066

Background



This preview shows how black text looks on a background with the YUV color 165.8750, -43.8154, 53.6066.



This preview shows how white text looks on a background with the YUV color 165.8750, -43.8154,

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

165.8750, -43.8154, 53.6066

Protanopia

164.4640, -40.6548, 19.7641

Deuteranopia

165.5480, -44.6402, 38.1074



Tritanopia

170.8650, -8.3144, 53.6154

Trichromacy



Original Color

165.8750, -43.8154, 53.6066

Protanomaly

165.1990, -42.0031, 32.2745

Deuteranomaly

165.9940, -44.3670, 43.8553

Tritanomaly

168.8360, -21.1181, 53.6408

Monochromacy



Original Color

165.8750, -43.8154, 53.6066

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9950, -15.7735, 19.2984

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8750, -43.8154, 53.6066 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(227, 152, 77)` looks like.

```
.text, #text, p{  
    color:rgb(227, 152, 77)  
}
```

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(227, 152, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 152, 77) }
```

Border

The CSS property to change the border of an element to YUV 165.8750, -43.8154, 53.6066 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(227, 152, 77) }
```


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

```
.border{ border-color:rgb(227, 152, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 152, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 152, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 152, 77);  
box-shadow:4px 4px 4px 4px rgb(227, 152,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 165.8750, -43.8154, 53.6066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 152, 77) }
```

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

```
.background{ background-color: rgb(227,  
152, 77) }
```

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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