

Converting Colors

YUV(153.0990, -43.4328,
70.9502)

Have a look what the booklet for
YUV(153.0990, -43.4328, 70.9502)
contains.

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Color

**YUV(153.0990, -43.4328,
70.9502)**

Conversions

Conversions Part 1

Format	Color
Hex	EA8141
RGB	234, 129, 65
RGB Percent	92%, 51%, 25%
CMY	0.0824, 0.4941, 0.7451
CMYK	0.00, 0.45, 0.72, 0.08
HSL	23°, 80%, 59%
HSV	23°, 72%, 92%
XYZ	42.7361, 33.5746, 9.2291
YIQ	153.0990, 83.1240, 2.3560

Conversions

Conversions Part 2

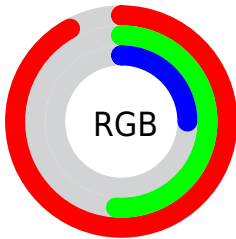
Format	Color
R_{YB}	234, 168, 65
Decimal	15368513
CIE _{Lab}	64.62, 35.53, 51.15
CIE _{LCh}	65, 62.283, 55.212
Yxy	33.5746, 0.4996, 0.3925
Android (android.graphics.Color)	4293558593 (0xFFEA8141)
YUV	153.0990, -43.4328, 70.9502
Hunter-Lab	57.9436, 30.2507, 31.1169

Details

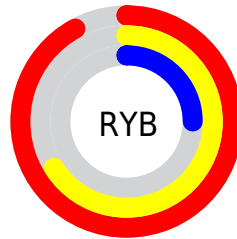
The YUV color **153.0990, -43.4328, 70.9502** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **145.9010, 43.4328, -70.9502**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8900, -39.8788, 50.9625**, and **98.5820, -42.6849, 64.3876** is the 20% darker color. If you saturate the color by 10%, you get **141.6720, -49.1383, 80.9717**, and if you desaturate by 10%, it is **164.5260, -37.7273, 60.9287**.

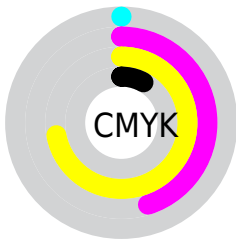
Distribution



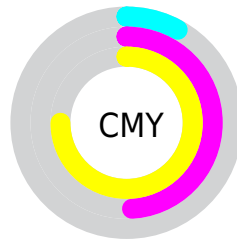
- Red (92%)
- Green (51%)
- Blue (25%)



- Red (92%)
- Yellow (66%)
- Blue (25%)



- Cyan (0%)
- Magenta (45%)
- Yellow (72%)
- Black (8%)



- Cyan (8%)
- Magenta (49%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.0990, -43.4328, 70.9502 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 153.0990, -43.4328, 70.9502 by changing the saturation by 10% instead.

153.0990,
-43.4328, 70.9502

153.0990,
-43.4328, 70.9502

255.0000, 0.0000,
0.0000

125.7180,
-42.2590, 67.7763

196.8900,
-39.8788, 50.9625

98.5820, -42.6849,
64.3876

216.2900,
-36.6250, 33.9487

73.5690, -36.2695,
60.0140

236.3910,
-33.2238, 16.3201

50.2230, -24.7599,
55.0554

248.3880,
-25.3343, 5.7987

25.1160, -12.3822,
51.6413

251.5800,
-13.1039, 2.9993

16.7440, -8.2548,
34.4275

254.8860, -0.4368,

7.5890, -3.2484,

0.1000

15.2694

■ 0.0000, 0.0000,
0.0000

■ 153.0990,
-43.4328, 70.9502

■ 153.0990,
-43.4328, 70.9502

■ 141.6720,
-49.1383, 80.9717

■ 164.5260,
-37.7273, 60.9287

■ 130.7180,
-55.5700, 90.5783


■ 175.4800,
-31.2956, 51.3220

■ 122.2090,
-60.2490, 98.0407

■ 186.9070,
-25.5902, 41.3006

■ 197.8610,
-19.1585, 31.6939

■ 209.2880,
-13.4530, 21.6724

 220.1280, -7.4581,
12.1657

 231.6690, -1.3158,
2.0443

 242.5090, 4.6791,
-7.4624

 248.7210, 3.0955,
-12.9103

Harmonies

Analogous

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



153.1100, -19.7742, 89.3575



153.0990, -43.4328, 70.9502



150.2200, -57.2965, 37.5181

Triad

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



153.0990, -43.4328, 70.9502



124.0650, 10.8140, -108.8050



156.9310, 48.3480, -13.9715

Complementary

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



153.0990, -43.4328, 70.9502



145.9010, 43.4328, -70.9502

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.



126.5120, 63.3446, -110.9510



153.0990, -43.4328, 70.9502



130.5630, 35.7114, -114.5038

Square

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



153.0990, -43.4328, 70.9502



133.5830, -21.4864, -61.9013



132.6440, 56.3775, -116.3288



161.3920, 29.3867, 47.8912

Rectangle

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



153.0990, -43.4328, 70.9502



147.3260, -54.8837, 10.2381



132.6440, 56.3775, -116.3288



149.6780, 51.9237, -40.9366

Sweetspot

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



153.0990, -43.4328, 70.9502



228.0710, -14.3320, 23.6167



127.7290, 21.8256, 93.1997



111.7970, -8.7739, 14.2100



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.



153.0990, -43.4328, 70.9502



148.6860, -57.0332, 93.2374



201.2330, -67.1629, 28.7367



111.6370, -2.7790, 4.7034



94.6220, -46.6486, 75.7535



27.8860, -13.7478, 22.9020

Inverse Universe

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



145.9010, 43.4328, -70.9502



139.3140, 57.0332, -93.2374



97.7670, 67.1629, -28.7367



111.3630, 2.7790, -4.7034



86.3780, 46.6486, -75.7535



25.5270, 14.0372, -22.3872

Previews

White Background



This preview shows how the YUV color 153.0990, -43.4328, 70.9502 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 153.0990, -43.4328, 70.9502 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 153.0990, -43.4328, 70.9502

Background



This preview shows how black text looks on a background with the YUV color 153.0990, -43.4328, 70.9502.



This preview shows how white text looks on a background with the YUV color 153.0990, -43.4328, 70.9502.

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

153.0990, -43.4328, 70.9502

Protanopia

152.6210, -38.7602, 18.7494

Deuteranopia

152.9070, -45.8032, 37.7926



Tritanopia

157.5960, -13.6048, 70.5143

Trichromacy



Original Color

153.0990, -43.4328, 70.9502

Protanomaly

152.9870, -40.4196, 37.7224

Deuteranomaly

153.2120, -44.9675, 49.8031

Tritanomaly

156.3220, -24.8087, 70.7546

Monochromacy



Original Color

153.0990, -43.4328, 70.9502

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.7400, -15.6478, 25.6610

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.0990, -43.4328, 70.9502 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(234, 129, 65)` looks like.

```
.text, #text, p{  
    color:rgb(234, 129, 65)  
}
```

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(234, 129, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 129, 65) }
```

Border

The CSS property to change the border of an element to YUV 153.0990, -43.4328, 70.9502 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(234, 129, 65) }
```


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

```
.border{ border-color:rgb(234, 129, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 129, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 129, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 129, 65);  
box-shadow:4px 4px 4px 4px rgb(234, 129,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 153.0990, -43.4328, 70.9502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 129, 65) }
```

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

```
.background{ background-color: rgb(234,  
129, 65) }
```

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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