

Converting Colors

YUV(155.4960, -45.6005,
66.2170)

Have a look what the booklet for
YUV(155.4960, -45.6005, 66.2170)
contains.

YUV(155.4960, -45.6005, 66.2170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(155.4960, -45.6005,
66.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	E7873F
RGB	231, 135, 63
RGB Percent	91%, 53%, 25%
CMY	0.0941, 0.4706, 0.7529
CMYK	0.00, 0.42, 0.73, 0.09
HSL	26°, 78%, 58%
HSV	26°, 73%, 91%
XYZ	42.5162, 34.6758, 9.1549
YIQ	155.4960, 80.3280, -2.0400

Conversions

Conversions Part 2

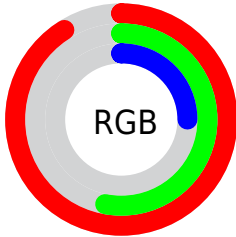
Format	Color
R _Y B	231, 189, 63
Decimal	15173439
CIE Lab	65.50, 31.12, 52.89
CIE LCh	65, 61.366, 59.530
Yxy	34.6758, 0.4924, 0.4016
Android (android.graphics.Color)	4293363519 (0xFFE7873F)
YUV	155.4960, -45.6005, 66.2170
Hunter-Lab	58.8861, 25.8275, 32.0026

Details

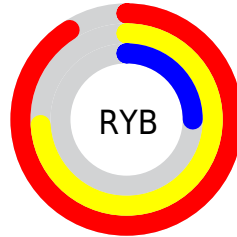
The YUV color **155.4960, -45.6005, 66.2170** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle washed orange. A complement of this color would be **138.5040, 45.6005, -66.2170**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.1840, -42.4887, 48.0736**, and **100.9360, -46.3104, 60.5691** is the 20% darker color. If you saturate the color by 10%, you get **145.2430, -51.8848, 75.2089**, and if you desaturate by 10%, it is **165.7490, -39.3163, 57.2251**.

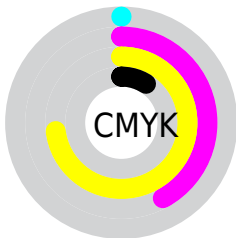
Distribution



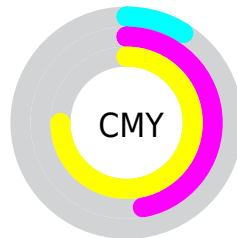
- Red (91%)
- Green (53%)
- Blue (25%)



- Red (91%)
- Yellow (74%)
- Blue (25%)



- Cyan (0%)
- Magenta (42%)
- Yellow (73%)
- Black (9%)



- Cyan (9%)
- Magenta (47%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.4960, -45.6005, 66.2170 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 155.4960, -45.6005, 66.2170 by changing the saturation by 10% instead.

155.4960,
-45.6005, 66.2170

155.4960,
-45.6005, 66.2170

255.0000, 0.0000,
0.0000

128.0010,
-44.8635, 63.1431

200.1840,
-42.4887, 48.0736

100.9360,
-46.3104, 60.5691

219.6980,
-38.7981, 30.9599

77.0800, -38.0004,
55.1808

239.7990,
-35.3969, 13.3313

54.3210, -26.7803,
49.7075

248.2740,
-25.7711, 5.8987

30.9750, -15.2707,
44.7489

251.4660,
-13.5407, 3.0993

16.1460, -7.9600,
33.1980

254.7720, -0.8736,

7.2900, -3.1010,

0.2000

14.6547

0.0000, 0.0000,
0.0000

155.4960,
-45.6005, 66.2170

155.4960,
-45.6005, 66.2170

145.2430,
-51.8848, 75.2089

165.7490,
-39.3163, 57.2251

134.9900,
-58.1691, 84.2008

176.0020,
-33.0320, 48.2332

127.1820,
-62.7007, 91.0484

186.8420,
-27.0371, 38.7266

197.0950,
-20.7528, 29.7347

207.4620,
-14.0318, 20.6428

■ 217.7150, -7.7475,
11.6509

■ 227.9680, -1.4632,
2.6591

■ 238.8080, 4.5317,
-6.8476

■ 247.2370, 3.8272,
-14.2398

Harmonies

Analogous

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



155.4750, -23.4052, 87.2834



155.4960, -45.6005, 66.2170



152.4150, -56.4066, 32.0850

Triad

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



155.4960, -45.6005, 66.2170



126.3790, 14.6032, -110.8344



161.4270, 46.1315, -3.0055

Complementary

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



155.4960, -45.6005, 66.2170



138.5040, 45.6005, -66.2170

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



155.4960, -45.6005, 66.2170



132.7630, 39.0638, -116.4332

Square

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



155.4960, -45.6005, 66.2170



133.0100, -15.7809, -71.9228



133.9150, 58.7089, -117.4435



162.9260, 26.1655, 54.4389

Rectangle

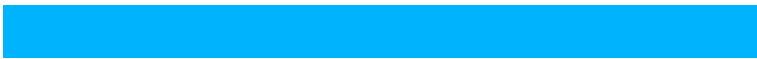
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



155.4960, -45.6005, 66.2170



148.9060, -51.2257, 3.5904



133.9150, 58.7089, -117.4435



155.6690, 48.9702, -26.8967

Sweetspot

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



155.4960, -45.6005, 66.2170



229.8320, -15.2002, 22.0723



124.4040, 18.0418, 93.4847



112.9710, -9.3527, 13.1804



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.



155.4960, -45.6005, 66.2170



155.1430, -60.2165, 87.5746



203.6300, -69.3306, 24.0035



109.5230, -3.2158, 4.8033



98.7200, -48.6690, 70.4056



28.1630, -13.8844, 20.0280

Inverse Universe

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



138.5040, 45.6005, -66.2170



132.8570, 60.2165, -87.5746



90.3700, 69.3306, -24.0035



108.4770, 3.2158, -4.8033



80.2800, 48.6690, -70.4056



22.8370, 13.8844, -20.0280

Previews

White Background



This preview shows how the YUV color 155.4960, -45.6005, 66.2170 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 155.4960, -45.6005, 66.2170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

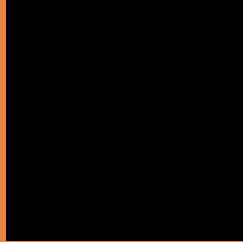
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.4960, -45.6005, 66.2170

Background



This preview shows how black text looks on a background with the YUV color 155.4960, -45.6005, 66.2170.



This preview shows how white text looks on a background with the YUV color 155.4960, -45.6005, 66.2170.

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

155.4960, -45.6005, 66.2170

Protanopia

154.8230, -41.8177, 19.4492

Deuteranopia

155.3370, -47.9871, 38.2925



Tritanopia

160.3180, -11.9888, 65.4961

Trichromacy



Original Color

155.4960, -45.6005, 66.2170

Protanomaly

155.1780, -43.4718, 36.6779

Deuteranomaly

155.6310, -47.1461, 48.5586

Tritanomaly

158.7020, -24.5031, 66.0363

Monochromacy



Original Color

155.4960, -45.6005, 66.2170

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.5010, -16.5160, 24.1166

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.4960, -45.6005, 66.2170 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(231, 135, 63)` looks like.

```
.text, #text, p{  
    color:rgb(231, 135, 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(231, 135, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 135, 63) }
```

Border

The CSS property to change the border of an element to YUV 155.4960, -45.6005, 66.2170 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(231, 135, 63) }
```


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

```
.border{ border-color:rgb(231, 135, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 135, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 135, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 135, 63);  
box-shadow:4px 4px 4px 4px rgb(231, 135,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 155.4960, -45.6005, 66.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 135, 63) }
```

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

```
.background{ background-color: rgb(231,  
135, 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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