

Converting Colors

YUV(173.5440, -45.1312,
55.6509)

Have a look what the booklet for
YUV(173.5440, -45.1312, 55.6509)
contains.

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Color

**YUV(173.5440, -45.1312,
55.6509)**

Conversions

Conversions Part 1

Format	Color
Hex	ED9F52
RGB	237, 159, 82
RGB Percent	93%, 62%, 32%
CMY	0.0706, 0.3765, 0.6784
CMYK	0.00, 0.33, 0.65, 0.07
HSL	30°, 81%, 63%
HSV	30°, 65%, 93%
XYZ	48.8462, 43.4100, 13.7871
YIQ	173.5440, 71.2050, -7.4110

Conversions

Conversions Part 2

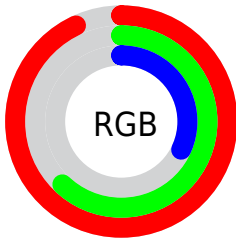
Format	Color
R _Y B	237, 235, 82
Decimal	15572818
CIE Lab	71.83, 21.91, 51.00
CIE LCh	72, 55.511, 66.752
Yxy	43.4100, 0.4606, 0.4094
Android (android.graphics.Color)	4293762898 (0xFFED9F52)
YUV	173.5440, -45.1312, 55.6509
Hunter-Lab	65.8863, 17.0338, 33.7136

Details

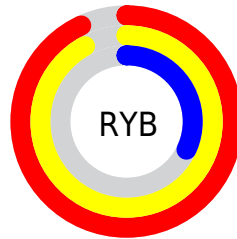
The YUV color **173.5440, -45.1312, 55.6509** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **145.4560, 45.1312, -55.6509**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.1390, -40.9875, 33.2041**, and **119.2660, -43.5151, 50.6327** is the 20% darker color. If you saturate the color by 10%, you get **163.7640, -52.1417, 64.2280**, and if you desaturate by 10%, it is **183.3240, -38.1207, 47.0739**.

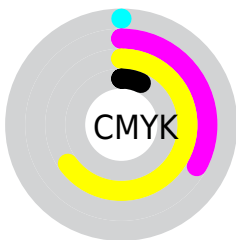
Distribution



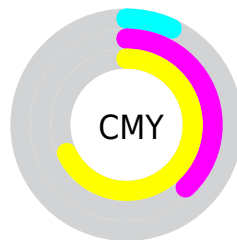
- Red (93%)
- Green (62%)
- Blue (32%)



- Red (93%)
- Yellow (92%)
- Blue (32%)



- Cyan (0%)
- Magenta (33%)
- Yellow (65%)
- Black (7%)



- Cyan (7%)
- Magenta (38%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5440, -45.1312, 55.6509 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 173.5440, -45.1312, 55.6509 by changing the saturation by 10% instead.

173.5440,
-45.1312, 55.6509

173.5440,
-45.1312, 55.6509

255.0000, 0.0000,
0.0000

146.4620,
-44.1048, 53.0918

217.1390,
-40.9875, 33.2041

119.2660,
-43.5151, 50.6327

236.6530,
-37.2969, 16.0903

92.6740, -45.6883,
47.6439

247.4760,
-28.8287, 6.5985

70.2140, -34.6155,
42.7853

250.6680,
-16.5983, 3.7992

48.6290, -23.9741,
36.2824

253.9740, -3.9312,
0.8998

27.6420, -13.6275,
31.0090

11.6610, -5.7489,

23.9763

■ 0.0000, 0.0000,
0.0000

■ 173.5440,
-45.1312, 55.6509

■ 173.5440,
-45.1312, 55.6509

■ 163.7640,
-52.1417, 64.2280

■ 183.3240,
-38.1207, 47.0739

■ 154.0980,
-58.7153, 72.7051

■ 192.9900,
-31.5471, 38.5968

■ 144.3180,
-65.7258, 81.2821

■ 202.7700,
-24.5366, 30.0197

■ 140.1290,
-69.0836, 84.9559

■ 212.5500,
-17.5261, 21.4427

■ 222.2160,
-10.9525, 12.9656

■ 231.9960, -3.9420,
4.3885

■ 241.1890, 3.3578,
-3.6738

■ 249.0310, 2.9427,
-10.5512

■ 249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



172.4640, -26.8508, 72.3841



173.5440, -45.1312, 55.6509



169.8850, -49.2433, 21.1489

Triad

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



173.5440, -45.1312, 55.6509



139.1910, 23.0768, -122.0705



180.1210, 36.9153, 13.0489

Complementary

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



173.5440, -45.1312, 55.6509



145.4560, 45.1312, -55.6509

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.



164.9510, 44.3942, -52.5770



173.5440, -45.1312, 55.6509



144.1900, 44.7693, -126.4546

Square

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



173.5440, -45.1312, 55.6509



150.6380, -8.2025, -75.9815



141.7740, 55.8204, -124.3358



180.1840, 18.1503, 58.5976

Rectangle

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



173.5440, -45.1312, 55.6509



166.8430, -42.3206, -6.0013



141.7740, 55.8204, -124.3358



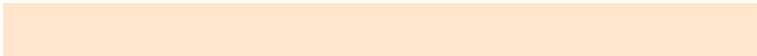
176.7550, 38.5748, -5.9241

Sweetspot

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



173.5440, -45.1312, 55.6509



233.9240, -14.7525, 18.4837



137.4650, 12.0958, 87.2922



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.



173.5440, -45.1312, 55.6509



173.6140, -57.9837, 71.3755



217.5690, -66.8355, 17.0410



112.2240, -3.0684, 4.1886



106.9490, -52.7259, 64.9427



31.9950, -15.7735, 19.2984

Inverse Universe

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



145.4560, 45.1312, -55.6509



137.3860, 57.9837, -71.3755



101.4310, 66.8355, -17.0410



110.1890, 3.3578, -3.6738



74.0510, 52.7259, -64.9427



22.0050, 15.7735, -19.2984

Previews

White Background



This preview shows how the YUV color 173.5440, -45.1312, 55.6509 looks on a white background.

Color Contrast Check

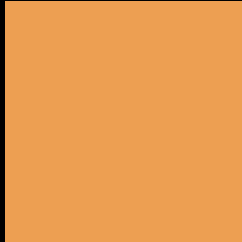
Large Text (above 18pt) WCAG AA × Fail

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 173.5440, -45.1312, 55.6509 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 173.5440, -45.1312, 55.6509

Background



This preview shows how black text looks on a background with the YUV color 173.5440, -45.1312, 55.6509.



This preview shows how white text looks on a background with the YUV color 173.5440, -45.1312, 55.6509.

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

173.5440, -45.1312, 55.6509

Protanopia

172.2360, -41.5283, 19.9640

Deuteranopia

172.9180, -45.8086, 39.5369



Tritanopia

178.7620, -8.7567, 55.4597

Trichromacy



Original Color

173.5440, -45.1312, 55.6509

Protanomaly

172.3840, -42.5873, 32.9892

Deuteranomaly

173.3640, -45.5355, 45.2848

Tritanomaly

176.6190, -21.9972, 55.5851

Monochromacy



Original Color

173.5440, -45.1312, 55.6509

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1800, -16.3577, 20.0131

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5440, -45.1312, 55.6509 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(237, 159, 82)` looks like.

```
.text, #text, p{  
    color:rgb(237, 159, 82)  
}
```

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(237, 159, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 159, 82) }
```

Border

The CSS property to change the border of an element to YUV 173.5440, -45.1312, 55.6509 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(237, 159, 82) }
```


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

```
.border{ border-color:rgb(237, 159, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 159, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 159, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 159, 82);  
box-shadow:4px 4px 4px 4px rgb(237, 159,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 173.5440, -45.1312, 55.6509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 159, 82) }
```

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

```
.background{ background-color: rgb(237,  
159, 82) }
```

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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