

Converting Colors

YUV(181.5880, -45.1529,
62.6283)

Have a look what the booklet for
YUV(181.5880, -45.1529, 62.6283)
contains.

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Color

**YUV(181.5880, -45.1529,
62.6283)**

Conversions

Conversions Part 1

Format	Color
Hex	FDA35A
RGB	253, 163, 90
RGB Percent	99%, 64%, 35%
CMY	0.0078, 0.3608, 0.6471
CMYK	0.00, 0.36, 0.64, 0.01
HSL	27°, 98%, 67%
HSV	27°, 64%, 99%
XYZ	55.4507, 47.8152, 15.9796
YIQ	181.5880, 77.0730, -3.6230

Conversions

Conversions Part 2

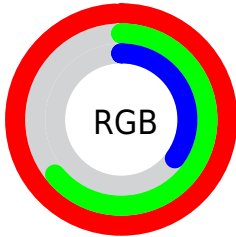
Format	Color
R _{YB}	253, 222, 90
Decimal	16622426
CIE Lab	74.71, 26.81, 50.90
CIE LCh	75, 57.527, 62.225
Yxy	47.8152, 0.4650, 0.4010
Android (android.graphics.Color)	4294812506 (0xFFFDA35A)
YUV	181.5880, -45.1529, 62.6283
Hunter-Lab	69.1485, 22.1303, 34.7026

Details

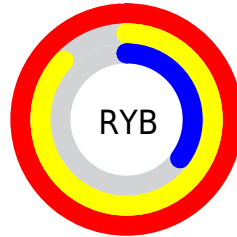
The YUV color **181.5880, -45.1529, 62.6283** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **161.4120, 45.1529, -62.6283**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3990, -38.6507, 30.3451**, and **127.1250, -42.9526, 56.8954** is the 20% darker color. If you saturate the color by 10%, you get **170.5200, -52.0214, 72.3350**, and if you desaturate by 10%, it is **192.6560, -38.2844, 52.9217**.

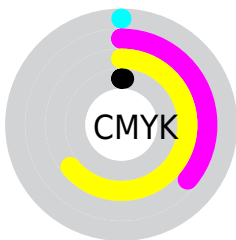
Distribution



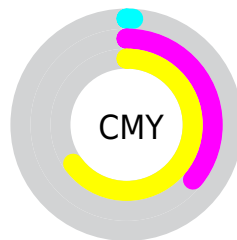
- Red (99%)
- Green (64%)
- Blue (35%)



- Red (99%)
- Yellow (87%)
- Blue (35%)



- Cyan (0%)
- Magenta (36%)
- Yellow (64%)
- Black (1%)



- Cyan (1%)
- Magenta (36%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.5880, -45.1529, 62.6283 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 181.5880, -45.1529, 62.6283 by changing the saturation by 10% instead.

181.5880,
-45.1529, 62.6283

181.5880,
-45.1529, 62.6283

255.0000, 0.0000,
0.0000

153.6200,
-43.6897, 59.9693

220.3990,
-38.6507, 30.3451

127.1250,
-42.9526, 56.8954

240.5000,
-35.2495, 12.7165

100.1740,
-43.9628, 54.2214

248.3880,
-25.3343, 5.7987

75.8620, -37.4000,
49.2330

251.6940,
-12.6671, 2.8994

53.9890, -26.6166,
43.8596

31.8170, -15.6858,
37.8715

14.6510, -7.2229,

30.1241

■ 2.9900, -1.4741,
6.1478

■ 0.0000, 0.0000,
0.0000

■ 181.5880,
-45.1529, 62.6283

■ 181.5880,
-45.1529, 62.6283

■ 170.5200,
-52.0214, 72.3350

■ 192.6560,
-38.2844, 52.9217

■ 159.3380,
-59.3266, 82.1416

■ 203.8380,
-30.9791, 43.1151

■ 148.2700,
-66.1951, 91.8482

■ 214.9060,
-24.1107, 33.4084

■ 141.9780,
-69.9952, 97.3663

■ 225.9740,
-17.2422, 23.7018

■ 237.1560, -9.9369,
13.8952

■ 248.2240, -3.0684,
4.1886

254.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



176.1800, -22.7667, 69.1251



181.5880, -45.1529, 62.6283



177.9460, -51.7384, 28.1114

Triad

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



181.5880, -45.1529, 62.6283



144.4740, 20.4723, -126.7037



185.0940, 34.4637, 6.0566

Complementary

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



181.5880, -45.1529, 62.6283



161.4120, 45.1529, -62.6283

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.



166.0370, 43.8588, -67.5614



181.5880, -45.1529, 62.6283



149.9290, 43.9120, -131.4877

Square

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



181.5880, -45.1529, 62.6283



160.7870, -14.1920, -68.2192



147.6440, 52.9265, -129.4838



188.9000, 22.2343, 55.3387

Rectangle

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



181.5880, -45.1529, 62.6283



174.8500, -46.2680, 0.1316



147.6440, 52.9265, -129.4838



180.8310, 36.5653, -14.7608

Sweetspot

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



181.5880, -45.1529, 62.6283



233.6790, -13.1527, 18.6985



149.2250, 16.1581, 91.0107



114.6010, -8.1843, 11.7509



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.



181.5880, -45.1529, 62.6283



169.2600, -54.3582, 75.1940



227.9610, -68.0148, 21.9592



121.8220, -3.3632, 5.4181



107.5910, -53.0424, 73.1497



36.1590, -17.8264, 24.4166

Inverse Universe

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



161.4120, 45.1529, -62.6283



144.7400, 54.3582, -75.1940



115.0390, 68.0148, -21.9592



120.5910, 3.6526, -4.9033



83.9960, 52.7530, -73.6645



27.8410, 17.8264, -24.4166

Previews

White Background



This preview shows how the YUV color 181.5880, -45.1529, 62.6283 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 181.5880, -45.1529, 62.6283 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 181.5880, -45.1529, 62.6283

Background



This preview shows how black text looks on a background with the YUV color 181.5880, -45.1529, 62.6283.



This preview shows how white text looks on a background with the YUV color 181.5880, -45.1529, 62.6283.

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

181.5880, -45.1529, 62.6283

Protanopia

179.7630, -40.8022, 20.3788

Deuteranopia

180.5160, -46.1034, 40.7665



Tritanopia

186.8550, -9.7885, 59.7632

Trichromacy



Original Color

181.5880, -45.1529, 62.6283

Protanomaly

180.1070, -42.4508, 35.8632

Deuteranomaly

180.9730, -45.8357, 48.2587

Tritanomaly

185.1250, -22.7396, 60.4034

Monochromacy



Original Color

181.5880, -45.1529, 62.6283

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.9030, -16.2212, 22.8871

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.5880, -45.1529, 62.6283 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(253, 163, 90)` looks like.

```
.text, #text, p{  
    color:rgb(253, 163, 90)  
}
```

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(253, 163, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 163, 90) }
```

Border

The CSS property to change the border of an element to YUV 181.5880, -45.1529, 62.6283 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(253, 163, 90) }
```


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

```
.border{ border-color:rgb(253, 163, 90) }
```

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

Here you see how a box with a 4 pixel rgb(253, 163, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 163, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 163, 90);  
box-shadow:4px 4px 4px 4px rgb(253, 163,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 181.5880, -45.1529, 62.6283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 163, 90) }
```

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

```
.background{ background-color: rgb(253,  
163, 90) }
```

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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