

Converting Colors

YUV(153.2930, -41.0634,
57.6250)

Have a look what the booklet for
YUV(153.2930, -41.0634, 57.6250)
contains.

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Color

**YUV(153.2930, -41.0634,
57.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8846
RGB	219, 136, 70
RGB Percent	86%, 53%, 27%
CMY	0.1412, 0.4667, 0.7255
CMYK	0.00, 0.38, 0.68, 0.14
HSL	27°, 67%, 57%
HSV	27°, 68%, 86%
XYZ	39.1231, 33.1106, 10.1233
YIQ	153.2930, 70.6540, -2.9300

Conversions

Conversions Part 2

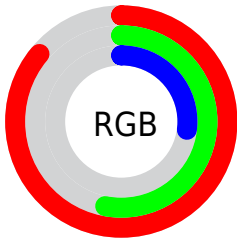
Format	Color
R_{YB}	219, 188, 70
Decimal	14387270
CIE _{Lab}	64.25, 26.03, 47.76
CIE _{LCh}	64, 54.391, 61.408
Yxy	33.1106, 0.4750, 0.4020
Android (android.graphics.Color)	4292577350 (0xFFDB8846)
YUV	153.2930, -41.0634, 57.6250
Hunter-Lab	57.5418, 20.6652, 29.8484

Details

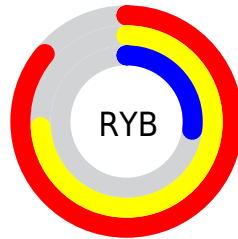
The YUV color **153.2930, -41.0634, 57.6250** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **135.7070, 41.0634, -57.6250**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5690, -39.7205, 46.8590**, and **100.1890, -40.0262, 51.5772** is the 20% darker color. If you saturate the color by 10%, you get **143.7410, -47.2003, 66.0021**, and if you desaturate by 10%, it is **162.8450, -34.9266, 49.2479**.

Distribution



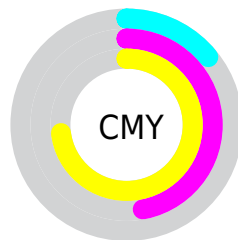
- Red (86%)
- Green (53%)
- Blue (27%)



- Red (86%)
- Yellow (74%)
- Blue (27%)



- Cyan (0%)
- Magenta (38%)
- Yellow (68%)
- Black (14%)



- Cyan (14%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.2930, -41.0634, 57.6250 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 153.2930, -41.0634, 57.6250 by changing the saturation by 10% instead.

153.2930,
-41.0634, 57.6250

153.2930,
-41.0634, 57.6250

255.0000, 0.0000,
0.0000

126.2110,
-40.0370, 55.0660

201.5690,
-39.7205, 46.8590

100.1890,
-40.0262, 51.5772

220.9690,
-36.4667, 29.8452

75.2640, -37.1052,
48.0035

240.4830,
-32.7761, 12.7314

53.0920, -26.1744,
42.0153

248.9580,
-23.1503, 5.2988

31.2190, -15.3910,
36.6419

252.2640,
-10.4832, 2.3995

14.0530, -6.9281,
28.8945

0.8970, -0.4422,

1.8443

■ 0.0000, 0.0000,
0.0000

■ 153.2930,
-41.0634, 57.6250

■ 153.2930,
-41.0634, 57.6250

■ 143.7410,
-47.2003, 66.0021

■ 162.8450,
-34.9266, 49.2479

■ 134.1890,
-53.3372, 74.3792

■ 172.3970,
-28.7897, 40.8708

■ 124.0500,
-59.1846, 83.2712

■ 182.5360,
-22.9422, 31.9789

■ 122.4200,
-60.3531, 84.7007

■ 192.0880,
-16.8054, 23.6018

■ 201.6400,
-10.6685, 15.2247

■ 211.0780, -4.9685,
6.9476

■ 220.6300, 1.1684,
-1.4295

■ 230.7690, 7.0159,
-10.3214

■ 238.9530, 7.9112,
-17.4988

Harmonies

Analogous

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



154.5230, -22.9358, 76.7173



153.2930, -41.0634, 57.6250



150.2600, -47.9492, 26.0820

Triad

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



153.2930, -41.0634, 57.6250



123.5580, 16.4869, -108.3604



158.7390, 39.5687, 1.9829

Complementary

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



153.2930, -41.0634, 57.6250



135.7070, 41.0634, -57.6250

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.



138.9080, 56.2474, -74.4643



153.2930, -41.0634, 57.6250



128.4430, 37.7426, -112.6445

Square

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



153.2930, -41.0634, 57.6250



134.0480, -13.3347, -63.1861



128.9110, 54.7669, -113.0549



160.2260, 21.0876, 49.7908

Rectangle

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



153.2930, -41.0634, 57.6250



147.5450, -43.6527, 1.2760



128.9110, 54.7669, -113.0549



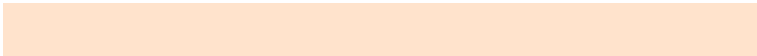
155.5730, 44.5805, -18.9195

Sweetspot

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



153.2930, -41.0634, 57.6250



232.7500, -14.1737, 19.5133



124.1270, 14.7274, 83.2036



113.9000, -8.3317, 12.3657



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.



153.2930, -41.0634, 57.6250



163.0820, -57.7214, 80.6121



196.1440, -62.1890, 20.0447



105.2240, -3.0684, 4.1886



96.9260, -47.7845, 66.7169



25.4940, -12.5685, 17.9838

Inverse Universe

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



135.7070, 41.0634, -57.6250



137.9180, 57.7214, -80.6121



92.8560, 62.1890, -20.0447



103.7760, 3.0684, -4.1886



76.6610, 47.4951, -67.2317



20.5060, 12.5685, -17.9838

Previews

White Background



This preview shows how the YUV color 153.2930, -41.0634, 57.6250 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 153.2930, -41.0634, 57.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

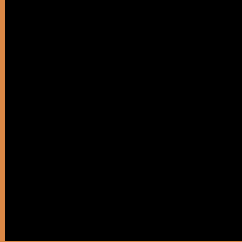
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.2930, -41.0634, 57.6250

Background



This preview shows how black text looks on a background with the YUV color 153.2930, -41.0634, 57.6250.



This preview shows how white text looks on a background with the YUV color 153.2930, -41.0634,

57.6250.

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

153.2930, -41.0634, 57.6250

Protanopia

151.9630, -37.4498, 18.4494

Deuteranopia

153.1070, -42.4508, 35.8632



Tritanopia

157.5450, -9.6357, 57.4040

Trichromacy



Original Color

153.2930, -41.0634, 57.6250

Protanomaly

152.7090, -38.8035, 32.7042

Deuteranomaly

152.9770, -41.8937, 43.8702

Tritanomaly

156.1570, -21.2764, 57.7443

Monochromacy



Original Color

153.2930, -41.0634, 57.6250

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.2340, -14.9054, 20.8428

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.2930, -41.0634, 57.6250 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(219, 136, 70)` looks like.

```
.text, #text, p{  
    color:rgb(219, 136, 70)  
}
```

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(219, 136, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 136, 70) }
```

Border

The CSS property to change the border of an element to YUV 153.2930, -41.0634, 57.6250 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(219, 136, 70) }
```


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

```
.border{ border-color:rgb(219, 136, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 136, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 136, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 136, 70);  
box-shadow:4px 4px 4px 4px rgb(219, 136,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 153.2930, -41.0634, 57.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 136, 70) }
```

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

```
.background{ background-color: rgb(219,  
136, 70) }
```

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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