

Converting Colors

YUV(153.9100, -30.0286,
64.9769)

Have a look what the booklet for
YUV(153.9100, -30.0286, 64.9769)
contains.

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Color

**YUV(153.9100, -30.0286,
64.9769)**

Conversions

Conversions Part 1

Format	Color
Hex	E4805D
RGB	228, 128, 93
RGB Percent	89%, 50%, 36%
CMY	0.1059, 0.4980, 0.6353
CMYK	0.00, 0.44, 0.59, 0.11
HSL	16°, 71%, 63%
HSV	16°, 59%, 89%
XYZ	41.6899, 32.7226, 14.4747
YIQ	153.9100, 70.8350, 10.3150

Conversions

Conversions Part 2

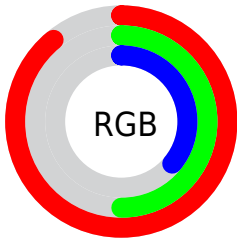
Format	Color
R _Y B	228, 140, 93
Decimal	14975069
CIE Lab	63.94, 35.35, 35.75
CIE LCh	64, 50.272, 45.321
Yxy	32.7226, 0.4690, 0.3681
Android (android.graphics.Color)	4293165149 (0xFFE4805D)
YUV	153.9100, -30.0286, 64.9769
Hunter-Lab	57.2037, 29.9837, 25.0399

Details

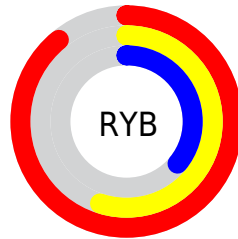
The YUV color **153.9100, -30.0286, 64.9769** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **167.0900, 30.0286, -64.9769**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.4950, -27.3590, 48.6779**, and **100.6750, -26.9548, 59.0440** is the 20% darker color. If you saturate the color by 10%, you get **141.3090, -35.1553, 76.0280**, and if you desaturate by 10%, it is **166.5110, -24.9019, 53.9259**.

Distribution



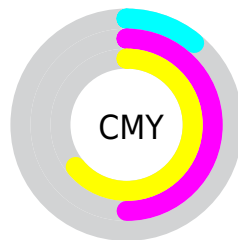
- Red (89%)
- Green (50%)
- Blue (36%)



- Red (89%)
- Yellow (55%)
- Blue (36%)



- Cyan (0%)
- Magenta (44%)
- Yellow (59%)
- Black (11%)



- Cyan (11%)
- Magenta (50%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.9100, -30.0286, 64.9769 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 153.9100, -30.0286, 64.9769 by changing the saturation by 10% instead.

153.9100,
-30.0286, 64.9769

153.9100,
-30.0286, 64.9769

255.0000, 0.0000,
0.0000

126.9420,
-28.5654, 62.3179

199.4950,
-27.3590, 48.6779

100.6750,
-26.9548, 59.0440

219.0090,
-23.6684, 31.5641

74.7070, -25.4916,
56.3850

239.1100,
-20.2672, 13.9355

48.7390, -24.0283,
53.7259

251.6940,
-12.6671, 2.8994

24.2190, -11.9400,
49.7969

16.1460, -7.9600,
33.1980

6.2790, -3.0955,

12.9103

■ 0.0000, 0.0000,
0.0000

■ 153.9100,
-30.0286, 64.9769

■ 153.9100,
-30.0286, 64.9769

■ 141.3090,
-35.1553, 76.0280

■ 166.5110,
-24.9019, 53.9259

■ 128.7080,
-40.2820, 87.0791

■ 179.1120,
-19.7752, 42.8748

■ 116.2210,
-44.9720, 98.0302

■ 191.5990,
-15.0853, 31.9237

■ 103.6200,
-50.0987, 109.0813

■ 204.2000, -9.9586,
20.8726

■ 102.8050,
-50.6829, 109.7960

■ 216.2140, -4.5425,
10.3363

■ 228.8150, 0.5842,
-0.7148

■ 241.4160, 5.7109,
-11.7658

■ 246.9270, 3.9800,
-16.5990

Harmonies

Analogous

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



155.4160, -10.5581, 73.3032



153.9100, -30.0286, 64.9769



152.1400, -42.4670, 41.0962

Triad

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



153.9100, -30.0286, 64.9769



120.9370, 4.9611, -98.1687



152.5780, 43.5920, -28.5709

Complementary

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



153.9100, -30.0286, 64.9769



167.0900, 30.0286, -64.9769

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.



124.9160, 57.2294, -109.5513



153.9100, -30.0286, 64.9769



124.0770, 26.0910, -108.8155

Square

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



153.9100, -30.0286, 64.9769



142.2280, -26.2414, -30.0180



126.9900, 44.8679, -111.3702



159.4230, 28.8785, 24.1850

Rectangle

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



153.9100, -30.0286, 64.9769



149.6660, -43.7123, 20.4639



126.9900, 44.8679, -111.3702



145.9880, 48.3199, -51.7325

Sweetspot

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



153.9100, -30.0286, 64.9769



229.7980, -10.2534, 22.1022



144.8790, 24.2167, 72.8971



112.3670, -6.5899, 13.7101



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.



153.9100, -30.0286, 64.9769



155.7080, -40.2820, 87.0791



192.6520, -49.1284, 31.0002



108.3490, -2.6371, 5.8329



80.5230, -39.6978, 86.3643



22.8800, -11.2798, 24.6612

Inverse Universe

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



167.0900, 30.0286, -64.9769



173.2920, 40.2820, -87.0791



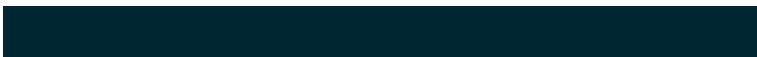
128.3480, 49.1284, -31.0002



109.6510, 2.6371, -5.8329



97.8900, 39.9872, -85.8495



28.1200, 11.2798, -24.6612

Previews

White Background



This preview shows how the YUV color 153.9100, -30.0286, 64.9769 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 153.9100, -30.0286, 64.9769 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 153.9100, -30.0286, 64.9769

Background



This preview shows how black text looks on a background with the YUV color 153.9100, -30.0286, 64.9769.



This preview shows how white text looks on a background with the YUV color 153.9100, -30.0286, 64.9769.

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

153.9100, -30.0286, 64.9769

Protanopia

153.3720, -24.3404, 13.7058

Deuteranopia

153.5330, -31.8148, 31.1046



Tritanopia

156.3180, -11.9888, 65.4961

Trichromacy



Original Color

153.9100, -30.0286, 64.9769

Protanomaly

153.3250, -26.2892, 32.1640

Deuteranomaly

153.7240, -31.4159, 43.2151

Tritanomaly

155.5970, -18.5353, 65.2514

Monochromacy



Original Color

153.9100, -30.0286, 64.9769

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.2820, -10.9850, 23.4317

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.9100, -30.0286, 64.9769 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(228, 128, 93)` looks like.

```
.text, #text, p{  
    color:rgb(228, 128, 93)  
}
```

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(228, 128, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 128, 93) }
```

Border

The CSS property to change the border of an element to YUV 153.9100, -30.0286, 64.9769 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(228, 128, 93) }
```


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

```
.border{ border-color:rgb(228, 128, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 128, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 128, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 128, 93);  
box-shadow:4px 4px 4px 4px rgb(228, 128,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 153.9100, -30.0286, 64.9769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 128, 93) }
```

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

```
.background{ background-color: rgb(228,  
128, 93) }
```

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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