

Converting Colors

YUV(146.0640, -30.1046,
89.3979)

Have a look what the booklet for
YUV(146.0640, -30.1046, 89.3979)
contains.

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Color

**YUV(146.0640, -30.1046,
89.3979)**

Conversions

Conversions Part 1

Format	Color
Hex	F86A55
RGB	248, 106, 85
RGB Percent	97%, 42%, 33%
CMY	0.0275, 0.5843, 0.6667
CMYK	0.00, 0.57, 0.66, 0.03
HSL	8°, 92%, 65%
HSV	8°, 66%, 97%
XYZ	45.5051, 30.9204, 12.1642
YIQ	146.0640, 91.3730, 23.5730

Conversions

Conversions Part 2

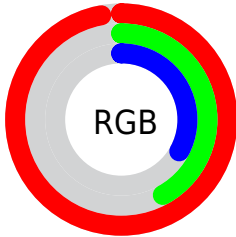
Format	Color
R _Y B	248, 109, 85
Decimal	16280149
CIE Lab	62.44, 53.05, 38.92
CIE LCh	62, 65.790, 36.266
Yxy	30.9204, 0.5137, 0.3490
Android (android.graphics.Color)	4294470229 (0xFFFF86A55)
YUV	146.0640, -30.1046, 89.3979
Hunter-Lab	55.6061, 48.7643, 25.9542

Details

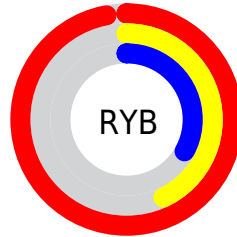
The YUV color **146.0640, -30.1046, 89.3979** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **186.9360, 30.1046, -89.3979**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1420, -25.2130, 60.3885**, and **89.1110, -24.7047, 84.0947** is the 20% darker color. If you saturate the color by 10%, you get **130.3000, -34.6579, 103.2229**, and if you desaturate by 10%, it is **161.8280, -25.5512, 75.5728**.

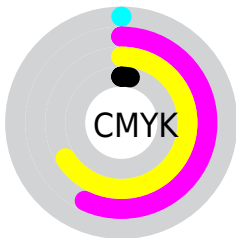
Distribution



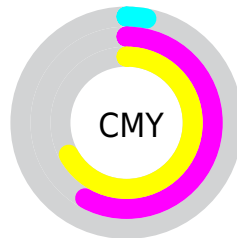
- Red (97%)
- Green (42%)
- Blue (33%)



- Red (97%)
- Yellow (43%)
- Blue (33%)



- Cyan (0%)
- Magenta (57%)
- Yellow (66%)
- Black (3%)



- Cyan (3%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.0640, -30.1046, 89.3979 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 146.0640, -30.1046, 89.3979 by changing the saturation by 10% instead.


 146.0640,
-30.1046, 89.3979


 146.0640,
-30.1046, 89.3979


255.0000, 0.0000,
0.0000


 117.9110,
-28.0571, 86.0241


 186.1420,
-25.2130, 60.3885

 89.1110, -24.7047,
84.0947


 206.2430,
-21.8118, 42.7599

 56.7890, -19.6160,
85.2540


 225.7570,
-18.1212, 25.6461

 37.0760, -18.2785,
76.2323

 246.5590,
-14.5726, 7.4028

 28.1060, -13.8563,
57.7890

 253.8600, -4.3680,
0.9998

 19.5490, -9.1447,
39.8605

 10.2800, -4.5750,

20.8024

■ 0.0000, 0.0000,
0.0000

■ 146.0640,
-30.1046, 89.3979

■ 146.0640,
-30.1046, 89.3979

■ 130.3000,
-34.6579, 103.2229

■ 161.8280,
-25.5512, 75.5728

■ 115.1230,
-39.5006, 116.5331

■ 177.0050,
-20.7085, 62.2626

■ 99.4730, -43.6172,
130.2582


■ 192.6550,
-16.5919, 48.5376

■ 92.9360, -45.8174,
135.9911

■ 207.8320,
-11.7492, 35.2273

■ 223.5960, -7.1958,
21.4023

 239.3600, -2.6425,
7.5773

 252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



146.3230, -2.6242, 95.3097



146.0640, -30.1046, 89.3979



145.6990, -53.5886, 61.6540

Triad

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



146.0640, -30.1046, 89.3979



114.2390, -6.5268, -100.1876



119.4680, 66.8173, -104.7734

Complementary

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



146.0640, -30.1046, 89.3979



186.9360, 30.1046, -89.3979

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.



128.2730, 62.4764, -112.4954



146.0640, -30.1046, 89.3979



122.9540, 19.2497, -107.8307

Square

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



146.0640, -30.1046, 89.3979



135.3800, -43.5713, -24.8893



128.8650, 44.4366, -113.0146



154.5860, 45.0671, 11.7641

Rectangle

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



146.0640, -30.1046, 89.3979



142.2280, -66.1744, 38.3880



128.8650, 44.4366, -113.0146



122.9900, 65.0809, -107.8622

Sweetspot

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



146.0640, -30.1046, 89.3979



223.3580, -9.5435, 27.7500



150.1530, 38.8716, 85.8118



108.6170, -5.7272, 16.9989



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.



146.0640, -30.1046, 89.3979



129.3610, -37.1530, 110.1854



193.0240, -53.2558, 48.2140



117.0610, -2.4951, 6.9625



70.5990, -34.8053, 103.8377



22.9350, -11.3070, 33.3830

Inverse Universe

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



186.9360, 30.1046, -89.3979



179.6390, 37.1530, -110.1854



139.9760, 53.2558, -48.2140



119.9390, 2.4951, -6.9625



117.8140, 35.0947, -103.3229



38.0650, 11.3070, -33.3830

Previews

White Background



This preview shows how the YUV color 146.0640, -30.1046, 89.3979 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 146.0640, -30.1046, 89.3979 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 146.0640, -30.1046, 89.3979

Background



This preview shows how black text looks on a background with the YUV color 146.0640, -30.1046, 89.3979.



This preview shows how white text looks on a background with the YUV color 146.0640, -30.1046, 89.3979.

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

146.0640, -30.1046, 89.3979

Protanopia

149.3010, -23.3194, 12.8910

Deuteranopia

149.0340, -35.0198, 32.4192



Tritanopia

147.3380, -18.9006, 89.1576

Trichromacy



Original Color

146.0640, -30.1046, 89.3979

Protanomaly

148.4940, -25.8795, 40.7858

Deuteranomaly

148.0350, -33.0483, 53.4663

Tritanomaly

146.8990, -23.1212, 89.5426

Monochromacy



Original Color

146.0640, -30.1046, 89.3979

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.7500, -10.7227, 32.6683

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.0640, -30.1046, 89.3979 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(248, 106, 85)` looks like.

```
.text, #text, p{  
    color:rgb(248, 106, 85)  
}
```

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(248, 106, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 106, 85) }
```

Border

The CSS property to change the border of an element to YUV 146.0640, -30.1046, 89.3979 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(248, 106, 85) }
```


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

```
.border{ border-color:rgb(248, 106, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 106, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 106, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 106, 85);  
box-shadow:4px 4px 4px 4px rgb(248, 106,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 146.0640, -30.1046, 89.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 106, 85) }
```

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

```
.background{ background-color: rgb(248,  
106, 85) }
```

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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