

Converting Colors

YUV(154.9650, -26.6047,
86.8537)

Have a look what the booklet for
YUV(154.9650, -26.6047, 86.8537)
contains.

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Color

**YUV(154.9650, -26.6047,
86.8537)**

Conversions

Conversions Part 1

Format	Color
Hex	FE7365
RGB	254, 115, 101
RGB Percent	100%, 45%, 40%
CMY	0.0039, 0.5490, 0.6039
CMYK	0.00, 0.55, 0.60, 0.00
HSL	5°, 99%, 70%
HSV	5°, 60%, 100%
XYZ	49.3527, 34.2719, 16.3259
YIQ	154.9650, 87.3380, 25.1140

Conversions

Conversions Part 2

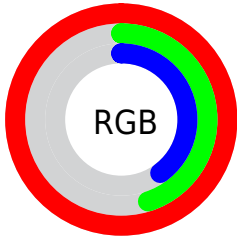
Format	Color
R_{YB}	254, 116, 101
Decimal	16675685
CIE Lab	65.18, 51.97, 33.71
CIE LCh	65, 61.949, 32.967
Yxy	34.2719, 0.4938, 0.3429
Android (android.graphics.Color)	4294865765 (0xFFFE7365)
YUV	154.9650, -26.6047, 86.8537
Hunter-Lab	58.5422, 48.0318, 24.4451

Details

The YUV color **154.9650, -26.6047, 86.8537** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **200.0350, 26.6047, -86.8537**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3630, -20.3920, 54.0556**, and **98.7840, -22.0785, 81.7504** is the 20% darker color. If you saturate the color by 10%, you get **138.6140, -30.8687, 101.1935**, and if you desaturate by 10%, it is **171.3160, -22.3408, 72.5139**.

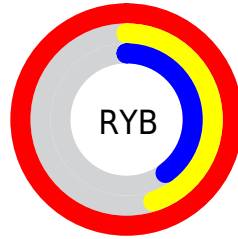
Distribution



Red (100%)

Green (45%)

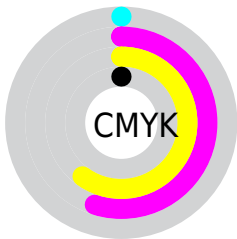
Blue (40%)



Red (100%)

Yellow (45%)

Blue (40%)

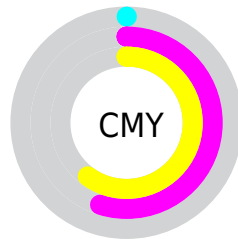


Cyan (0%)

Magenta (55%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.9650, -26.6047, 86.8537 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 154.9650, -26.6047, 86.8537 by changing the saturation by 10% instead.

154.9650,
-26.6047, 86.8537

154.9650,
-26.6047, 86.8537

255.0000, 0.0000,
0.0000

127.1110,
-24.7047, 84.0947

193.3630,
-20.3920, 54.0556

98.7840, -22.0785,
81.7504

213.4640,
-16.9908, 36.4271

69.3970, -18.4367,
80.3358

233.6790,
-13.1527, 18.6985

40.3090, -14.9423,
79.5360

252.7200, -8.7360,
1.9996

30.1990, -14.8881,
62.0925

21.2290, -10.4659,
43.6492

13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,
0.0000

■ 154.9650,
-26.6047, 86.8537

■ 154.9650,
-26.6047, 86.8537

■ 138.6140,
-30.8687, 101.1935

■ 171.3160,
-22.3408, 72.5139

■ 122.1490,
-35.5695, 115.6333

■ 187.7810,
-17.6400, 58.0741

■ 105.7980,
-39.8334, 129.9732

■ 204.1320,
-13.3761, 43.7342

■ 89.4470, -44.0974,
144.3130

■ 220.5970, -8.6753,
29.2944

■ 236.9480, -4.4114,
14.9546

253.2990, -0.1474,
0.6148

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



156.1370, -0.5605, 86.7029



154.9650, -26.6047, 86.8537



154.4910, -48.0631, 62.7134

Triad

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



154.9650, -26.6047, 86.8537



125.3930, -10.0537, -88.9217



125.0500, 64.0653, -108.7919

Complementary

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



154.9650, -26.6047, 86.8537



200.0350, 26.6047, -86.8537

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.



132.9690, 60.1613, -116.6138



154.9650, -26.6047, 86.8537



127.0630, 17.2239, -111.4343

Square

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



154.9650, -26.6047, 86.8537



144.8370, -43.3036, -17.3970



132.7460, 41.5372, -116.4182



161.4280, 44.6520, 4.8866

Rectangle

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



154.9650, -26.6047, 86.8537



152.1710, -56.2863, 40.1920



132.7460, 41.5372, -116.4182



127.6860, 62.7658, -111.9806

Sweetspot

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



154.9650, -26.6047, 86.8537



225.1020, -7.9383, 26.2205



162.7070, 38.5984, 80.0640



109.4320, -5.1430, 16.2841



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.



154.9650, -26.6047, 86.8537



135.9950, -32.0425, 104.3674



198.9900, -48.3091, 48.2438



119.4740, -2.2057, 7.4773



67.6750, -33.3638, 108.1560



22.6580, -11.1704, 36.2569

Inverse Universe

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



200.0350, 26.6047, -86.8537



190.0050, 32.0425, -104.3674



156.0100, 48.3091, -48.2438



122.9390, 2.4951, -6.9625



123.9120, 33.0744, -108.6708



41.3420, 11.1704, -36.2569

Previews

White Background



This preview shows how the YUV color 154.9650, -26.6047, 86.8537 looks on a white background.

Color Contrast Check

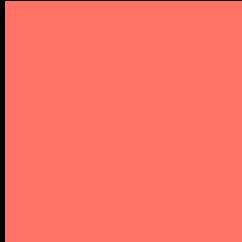
Large Text (above 18pt) WCAG AA × Fail

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 154.9650, -26.6047, 86.8537 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 154.9650, -26.6047, 86.8537

Background



This preview shows how black text looks on a background with the YUV color 154.9650, -26.6047, 86.8537.



This preview shows how white text looks on a background with the YUV color 154.9650, -26.6047, 86.8537.

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

154.9650, -26.6047, 86.8537

Protanopia

157.1420, -18.8040, 11.2765

Deuteranopia

156.7610, -30.9412, 30.9046



Tritanopia

155.6690, -17.5848, 87.1133

Trichromacy



Original Color

154.9650, -26.6047, 86.8537

Protanomaly

156.2210, -21.8010, 39.2712

Deuteranomaly

156.3490, -29.2591, 51.4369

Tritanomaly

155.4580, -20.9318, 87.2983

Monochromacy



Original Color

154.9650, -26.6047, 86.8537

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.6790, -9.7017, 31.8535

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.9650, -26.6047, 86.8537 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(254, 115, 101)` looks like.

```
.text, #text, p{  
    color:rgb(254, 115, 101)  
}
```

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(254, 115, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 115, 101) }
```

Border

The CSS property to change the border of an element to YUV 154.9650, -26.6047, 86.8537 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(254, 115, 101) }
```


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

```
.border{ border-color:rgb(254, 115, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 115, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 115, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 115, 101);  
box-shadow:4px 4px 4px 4px rgb(254, 115,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 154.9650, -26.6047, 86.8537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 115, 101) }
```

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

```
.background{ background-color: rgb(254,  
115, 101) }
```

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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