

Converting Colors

YUV(152.7210, -29.9355,
81.8057)

Have a look what the booklet for
YUV(152.7210, -29.9355, 81.8057)
contains.

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Color

**YUV(152.7210, -29.9355,
81.8057)**

Conversions

Conversions Part 1

Format	Color
Hex	F6755C
RGB	246, 117, 92
RGB Percent	96%, 46%, 36%
CMY	0.0353, 0.5412, 0.6392
CMYK	0.00, 0.52, 0.63, 0.04
HSL	10°, 90%, 66%
HSV	10°, 63%, 96%
XYZ	46.2991, 33.0881, 14.0716
YIQ	152.7210, 84.9090, 19.5730

Conversions

Conversions Part 2

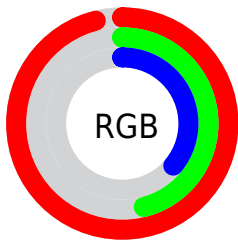
Format	Color
R _Y B	246, 122, 92
Decimal	16151900
CIE Lab	64.23, 47.58, 37.21
CIE LCh	64, 60.408, 38.028
Yxy	33.0881, 0.4954, 0.3540
Android (android.graphics.Color)	4294341980 (0xFFFF6755C)
YUV	152.7210, -29.9355, 81.8057
Hunter-Lab	57.5223, 43.0089, 25.7615

Details

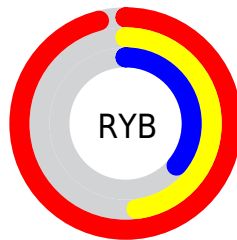
The YUV color **152.7210, -29.9355, 81.8057** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **185.2790, 29.9355, -81.8057**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.5110, -24.9019, 53.9259**, and **97.7140, -25.9880, 75.6728** is the 20% darker color. If you saturate the color by 10%, you get **137.5440, -34.7782, 95.1159**, and if you desaturate by 10%, it is **167.8980, -25.0927, 68.4955**.

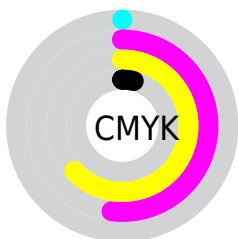
Distribution



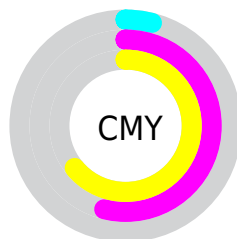
- Red (96%)
- Green (46%)
- Blue (36%)



- Red (96%)
- Yellow (48%)
- Blue (36%)



- Cyan (0%)
- Magenta (52%)
- Yellow (63%)
- Black (4%)





- Cyan (4%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.7210, -29.9355, 81.8057 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 152.7210, -29.9355, 81.8057 by changing the saturation by 10% instead.


 152.7210,
-29.9355, 81.8057


 152.7210,
-29.9355, 81.8057


255.0000, 0.0000,
0.0000


 124.8670,
-28.0354, 79.0466


 193.5110,
-24.9019, 53.9259


 97.7140, -25.9880,
75.6728


 212.9110,
-21.6481, 36.9121

 69.8000, -23.0724,
73.8434


 233.1260,
-17.8101, 19.1835

 37.0760, -18.2785,
76.2323

 251.5800,
-13.1039, 2.9993

 28.1060, -13.8563,
57.7890

254.8860, -0.4368,
0.1000

 19.4350, -9.5815,
39.9605

 10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,
0.0000

■ 152.7210,
-29.9355, 81.8057

■ 152.7210,
-29.9355, 81.8057

■ 137.5440,
-34.7782, 95.1159

■ 167.8980,
-25.0927, 68.4955

■ 123.0680,
-39.4735, 107.8114

■ 182.3740,
-20.3974, 55.8000

■ 107.8910,
-44.3163, 121.1216

■ 197.5510,
-15.5546, 42.4898

■ 97.0340, -47.8378,
130.6432

■ 212.0270,
-10.8593, 29.7943

■ 227.2040, -6.0166,
16.4841

■ 242.3810, -1.1738,
3.1739

■ 252.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



153.8830, -5.3653, 87.8026



152.7210, -29.9355, 81.8057



151.5180, -49.0624, 56.5507

Triad

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



152.7210, -29.9355, 81.8057



117.9550, -2.4428, -103.4465



141.8600, 55.7780, -63.8982

Complementary

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



152.7210, -29.9355, 81.8057



185.2790, 29.9355, -81.8057

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.



130.0340, 61.6082, -114.0398



152.7210, -29.9355, 81.8057



126.1000, 21.1497, -110.5897

Square

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



152.7210, -29.9355, 81.8057



141.5740, -37.7510, -25.0594



130.8540, 44.4420, -114.7590



159.6420, 40.1095, 15.2230

Rectangle

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



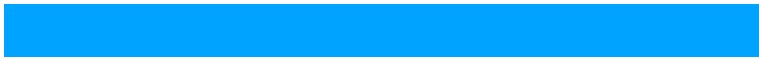
152.7210, -29.9355, 81.8057



149.3550, -55.3910, 33.0147



130.8540, 44.4420, -114.7590



124.7510, 64.2128, -109.4066

Sweetspot

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



152.7210, -29.9355, 81.8057



225.4610, -9.1013, 25.9057



152.9800, 34.5199, 81.5785



109.9050, -5.8692, 15.8693



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.



152.7210, -29.9355, 81.8057



139.3060, -37.1259, 101.4636



196.7460, -51.6398, 43.1958



114.7620, -2.3477, 6.3477



73.2240, -36.0994, 98.9046



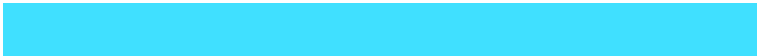
23.5110, -11.5909, 31.1239

Inverse Universe

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



185.2790, 29.9355, -81.8057



179.6940, 37.1259, -101.4636



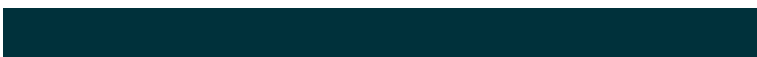
141.2540, 51.6398, -43.1958



117.2380, 2.3477, -6.3477



112.7760, 36.0994, -98.9046



35.4890, 11.5909, -31.1239

Previews

White Background



This preview shows how the YUV color 152.7210, -29.9355, 81.8057 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 152.7210, -29.9355, 81.8057 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 152.7210, -29.9355, 81.8057

Background



This preview shows how black text looks on a background with the YUV color 152.7210, -29.9355, 81.8057.



This preview shows how white text looks on a background with the YUV color 152.7210, -29.9355, 81.8057.

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

152.7210, -29.9355, 81.8057

Protanopia

154.3010, -23.3194, 12.8910

Deuteranopia

154.3760, -33.7094, 32.1192



Tritanopia

154.2770, -16.4056, 82.1951

Trichromacy



Original Color

152.7210, -29.9355, 81.8057

Protanomaly

153.8850, -25.5793, 37.8119

Deuteranomaly

153.5400, -32.3112, 50.3924

Tritanomaly

153.3110, -21.3523, 82.1653

Monochromacy



Original Color

152.7210, -29.9355, 81.8057

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.0270, -10.8593, 29.7943

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.7210, -29.9355, 81.8057 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(246, 117, 92)` looks like.

```
.text, #text, p{  
    color:rgb(246, 117, 92)  
}
```

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(246, 117, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 117, 92) }
```

Border

The CSS property to change the border of an element to YUV 152.7210, -29.9355, 81.8057 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(246, 117, 92) }
```


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

```
.border{ border-color:rgb(246, 117, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 117, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 117, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 117, 92);  
box-shadow:4px 4px 4px 4px rgb(246, 117,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 152.7210, -29.9355, 81.8057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 117, 92) }
```

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

```
.background{ background-color: rgb(246,  
117, 92) }
```

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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