

Converting Colors

YUV(161.6620, -33.8504,
77.4724)

Have a look what the booklet for
YUV(161.6620, -33.8504, 77.4724)
contains.

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Color

**YUV(161.6620, -33.8504,
77.4724)**

Conversions

Conversions Part 1

Format	Color
Hex	FA825D
RGB	250, 130, 93
RGB Percent	98%, 51%, 36%
CMY	0.0196, 0.4902, 0.6353
CMYK	0.00, 0.48, 0.63, 0.02
HSL	14°, 94%, 67%
HSV	14°, 63%, 98%
XYZ	49.3828, 37.0796, 14.9102
YIQ	161.6620, 83.3970, 13.9330

Conversions

Conversions Part 2

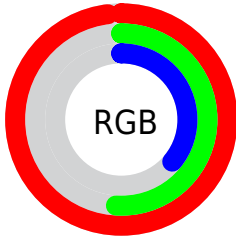
Format	Color
RYB	250, 141, 93
Decimal	16417373
CIELab	67.34, 42.75, 40.60
CIElCh	67, 58.954, 43.520
Yxy	37.0796, 0.4871, 0.3658
Android (android.graphics.Color)	4294607453 (0xFFFA825D)
YUV	161.6620, -33.8504, 77.4724
Hunter-Lab	60.8930, 38.1965, 28.1074

Details

The YUV color **161.6620, -33.8504, 77.4724** 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 **181.3380, 33.8504, -77.4724**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2560, -28.2272, 47.1335**, and **107.1280, -30.6291, 70.9247** is the 20% darker color. If you saturate the color by 10%, you get **147.6590, -39.2719, 89.7531**, and if you desaturate by 10%, it is **175.6650, -28.4288, 65.1918**.

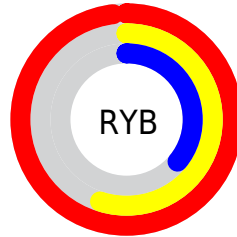
Distribution



Red (98%)

Green (51%)

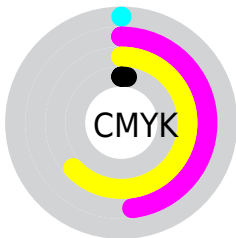
Blue (36%)



Red (98%)

Yellow (55%)

Blue (36%)

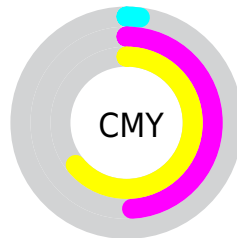


Cyan (0%)

Magenta (48%)

Yellow (63%)

Black (2%)



Cyan (2%)

Magenta (49%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.6620, -33.8504, 77.4724 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 161.6620, -33.8504, 77.4724 by changing the saturation by 10% instead.

161.6620,
-33.8504, 77.4724

161.6620,
-33.8504, 77.4724

255.0000, 0.0000,
0.0000

134.3950,
-32.2397, 74.1986

201.2560,
-28.2272, 47.1335

107.1280,
-30.6291, 70.9247

220.7700,
-24.5366, 30.0197

80.2740, -28.7291,
68.1657

240.8710,
-21.1354, 12.3911

52.3600, -25.8135,
66.3363

251.8080,
-12.2303, 2.7994

29.3020, -14.4459,
60.2481

20.6310, -10.1711,
42.4196

13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,
0.0000

■ 161.6620,
-33.8504, 77.4724

■ 161.6620,
-33.8504, 77.4724

■ 147.6590,
-39.2719, 89.7531

■ 175.6650,
-28.4288, 65.1918

■ 133.6560,
-44.6934, 102.0337

■ 189.6680,
-23.0073, 52.9112

■ 119.6530,
-50.1149, 114.3143

■ 203.6710,
-17.5858, 40.6305

■ 109.3830,
-53.9258, 123.3211

■ 217.6740,
-12.1643, 28.3499

■ 232.2640, -7.0322,
15.5545

■ 246.2670, -1.6106,
3.2738

■ 253.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



160.5250, -9.1328, 82.8546



161.6620, -33.8504, 77.4724



160.1320, -50.3511, 49.8732

Triad

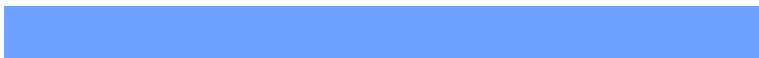
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



161.6620, -33.8504, 77.4724



125.4040, 3.2518, -109.9793



157.3530, 48.1400, -40.6516

Complementary

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



161.6620, -33.8504, 77.4724



181.3380, 33.8504, -77.4724

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.



133.5560, 59.8719, -117.1286



161.6620, -33.8504, 77.4724



132.8480, 26.6969, -116.5077

Square

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



161.6620, -33.8504, 77.4724



148.5990, -32.3403, -33.8513



136.6730, 48.9682, -119.8622



168.8560, 35.5670, 25.5593

Rectangle

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



161.6620, -33.8504, 77.4724



157.1800, -53.3327, 26.1521



136.6730, 48.9682, -119.8622



145.3270, 54.0688, -75.7088

Sweetspot

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



161.6620, -33.8504, 77.4724



227.8090, -10.2588, 23.8465



153.6230, 29.2729, 84.5226



111.0790, -6.4479, 14.8397



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.



161.6620, -33.8504, 77.4724



147.5240, -41.1773, 94.2565



207.4480, -56.4229, 37.3181



117.6480, -2.7845, 6.4477



82.3390, -40.5931, 93.5417



26.4570, -13.0433, 30.2942

Inverse Universe

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



181.3380, 33.8504, -77.4724



171.4760, 41.1773, -94.2565



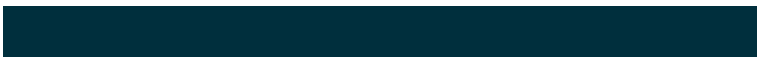
135.5520, 56.4229, -37.3181



119.3520, 2.7845, -6.4477



106.0740, 40.8825, -93.0269



34.5430, 13.0433, -30.2942

Previews

White Background



This preview shows how the YUV color 161.6620, -33.8504, 77.4724 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 161.6620, -33.8504, 77.4724 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 161.6620, -33.8504, 77.4724

Background



This preview shows how black text looks on a background with the YUV color 161.6620, -33.8504, 77.4724.



This preview shows how white text looks on a background with the YUV color 161.6620, -33.8504,

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

161.6620, -33.8504, 77.4724

Protanopia

161.8730, -27.5454, 15.0204

Deuteranopia

162.2900, -36.6250, 33.9487



Tritanopia

163.9990, -14.7895, 77.1769

Trichromacy



Original Color

161.6620, -33.8504, 77.4724

Protanomaly

162.0330, -30.0893, 37.6821

Deuteranomaly

162.0300, -35.5108, 49.9627

Tritanomaly

163.1640, -21.7729, 77.0322

Monochromacy



Original Color

161.6620, -33.8504, 77.4724

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.6740, -12.1643, 28.3499

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.6620, -33.8504, 77.4724 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(250, 130, 93)` looks like.

```
.text, #text, p{  
    color:rgb(250, 130, 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(250, 130, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 130, 93) }
```

Border

The CSS property to change the border of an element to YUV 161.6620, -33.8504, 77.4724 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(250, 130, 93) }
```


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

```
.border{ border-color:rgb(250, 130, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 130, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 130, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 130, 93);  
box-shadow:4px 4px 4px 4px rgb(250, 130,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 161.6620, -33.8504, 77.4724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 130, 93) }
```

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

```
.background{ background-color: rgb(250,  
130, 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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