

Converting Colors

YUV(175.7590, -54.6042,
60.7244)

Have a look what the booklet for
YUV(175.7590, -54.6042, 60.7244)
contains.

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Color

**YUV(175.7590, -54.6042,
60.7244)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A241
RGB	245, 162, 65
RGB Percent	96%, 64%, 25%
CMY	0.0392, 0.3647, 0.7451
CMYK	0.00, 0.34, 0.73, 0.04
HSL	32°, 90%, 61%
HSV	32°, 73%, 96%
XYZ	51.5307, 45.6348, 11.0935
YIQ	175.7590, 80.6050, -12.5710

Conversions

Conversions Part 2

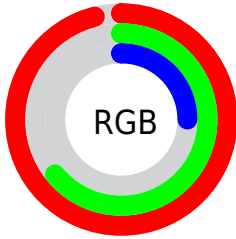
Format	Color
R _Y B	219, 245, 65
Decimal	16097857
CIE Lab	73.31, 22.76, 60.57
CIE LCh	73, 64.702, 69.408
Yxy	45.6348, 0.4760, 0.4215
Android (android.graphics.Color)	4294287937 (0xFFF5A241)
YUV	175.7590, -54.6042, 60.7244
Hunter-Lab	67.5535, 17.9433, 37.5510

Details

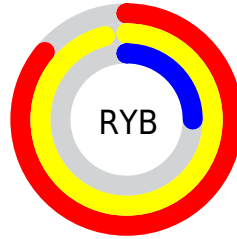
The YUV color **175.7590, -54.6042, 60.7244** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **134.2410, 54.6042, -60.7244**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0760, -48.8445, 33.2593**, and **119.5860, -58.9559, 56.4911** is the 20% darker color. If you saturate the color by 10%, you get **166.5660, -61.9040, 68.7866**, and if you desaturate by 10%, it is **185.0660, -46.8675, 52.5621**.

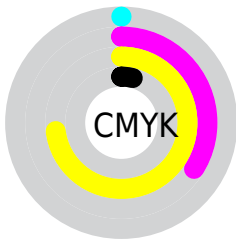
Distribution



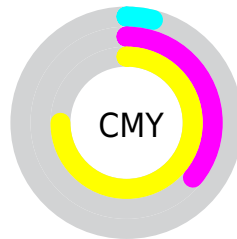
- Red (96%)
- Green (64%)
- Blue (25%)



- Red (86%)
- Yellow (96%)
- Blue (25%)



- Cyan (0%)
- Magenta (34%)
- Yellow (73%)
- Black (4%)



- Cyan (4%)
- Magenta (36%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.7590, -54.6042, 60.7244 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 175.7590, -54.6042, 60.7244 by changing the saturation by 10% instead.

175.7590,
-54.6042, 60.7244

175.7590,
-54.6042, 60.7244

255.0000, 0.0000,
0.0000

148.0360,
-54.7407, 57.8504

217.0760,
-48.8445, 33.2593

119.5860,
-58.9559, 56.4911

236.5900,
-45.1539, 16.1456

96.5280, -47.5883,
50.4029

245.6520,
-35.8174, 8.1982

73.4700, -36.2207,
44.3148

248.8440,
-23.5871, 5.3988

51.2980, -25.2899,
38.3267

252.1500,
-10.9200, 2.4994

30.5990, -15.0853,
31.9237

12.8570, -6.3385,

26.4354

■ 0.0000, 0.0000,
0.0000

■ 175.7590,
-54.6042, 60.7244

■ 175.7590,
-54.6042, 60.7244

■ 166.5660,
-61.9040, 68.7866

■ 185.0660,
-46.8675, 52.5621

■ 156.6720,
-69.3513, 77.4637

■ 194.8460,
-39.8571, 43.9851

■ 150.7390,
-74.3143, 82.6669

■ 204.1530,
-32.1204, 35.8228

■ 213.3460,
-24.8206, 27.7606

■ 222.5390,
-17.5207, 19.6983

■ 232.4330,
-10.0735, 11.0213

■ 241.6260, -2.7736,
2.9590

■ 250.2490, 2.3422,
-4.6034

■ 252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



170.1500, -30.6399, 74.4135



175.7590, -54.6042, 60.7244



171.3550, -58.8420, 19.8597

Triad

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



175.7590, -54.6042, 60.7244



145.2550, 26.0033, -127.3886



182.8340, 35.5778, 22.0706

Complementary

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



175.7590, -54.6042, 60.7244



134.2410, 54.6042, -60.7244

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.



164.0320, 44.8472, -57.9101



175.7590, -54.6042, 60.7244



150.4650, 51.0428, -131.9578

Square

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



175.7590, -54.6042, 60.7244



136.4260, -0.2100, -119.6456



145.2960, 54.0841, -127.4246



179.7380, 21.3282, 66.0048

Rectangle

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



175.7590, -54.6042, 60.7244



167.7900, -48.7035, -12.0938



145.2960, 54.0841, -127.4246



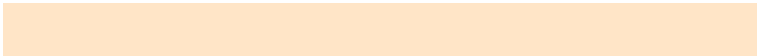
179.4460, 37.2481, -0.3911

Sweetspot

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



175.7590, -54.6042, 60.7244



233.3540, -16.9365, 18.9835



128.3960, 10.1578, 102.2617



114.7320, -10.2209, 11.6360



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.



175.7590, -54.6042, 60.7244



169.0030, -68.0355, 75.4194



222.6860, -77.7392, 14.3074



117.6970, -3.7946, 3.7737



114.3140, -56.3568, 62.8686



36.4250, -17.9575, 19.7983

Inverse Universe

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



134.2410, 54.6042, -60.7244



116.9970, 68.0355, -75.4194



87.3140, 77.7392, -14.3074



114.8900, 3.5052, -4.2885



71.6860, 56.3568, -62.8686



22.5750, 17.9575, -19.7983

Previews

White Background



This preview shows how the YUV color 175.7590, -54.6042, 60.7244 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 175.7590, -54.6042, 60.7244 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 175.7590, -54.6042, 60.7244 Background



This preview shows how black text looks on a background with the YUV color 175.7590, -54.6042, 60.7244.



This preview shows how white text looks on a background with the YUV color 175.7590, -54.6042, 60.7244.

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

175.7590, -54.6042, 60.7244

Protanopia

174.3260, -51.4327, 23.3931

Deuteranopia

174.7200, -55.5710, 44.0956



Tritanopia

182.8550, -9.7885, 59.7632

Trichromacy



Original Color

175.7590, -54.6042, 60.7244

Protanomaly

174.7730, -52.6391, 37.0331

Deuteranomaly

175.1660, -55.2978, 49.8434

Tritanomaly

180.5010, -26.3760, 60.0736

Monochromacy



Original Color

175.7590, -54.6042, 60.7244

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.9800, -19.7101, 21.9425

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.7590, -54.6042, 60.7244 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(245, 162, 65)` looks like.

```
.text, #text, p{  
    color:rgb(245, 162, 65)  
}
```

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(245, 162, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 162, 65) }
```

Border

The CSS property to change the border of an element to YUV 175.7590, -54.6042, 60.7244 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(245, 162, 65) }
```


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

```
.border{ border-color:rgb(245, 162, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 162, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 162, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 162, 65);  
box-shadow:4px 4px 4px 4px rgb(245, 162,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 175.7590, -54.6042, 60.7244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 162, 65) }
```

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

```
.background{ background-color: rgb(245,  
162, 65) }
```

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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