

Converting Colors

YUV(131.1040, -54.2813,
97.2558)

Have a look what the booklet for
YUV(131.1040, -54.2813, 97.2558)
contains.

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Color

**YUV(131.1040, -54.2813,
97.2558)**

Conversions

Conversions Part 1

Format	Color
Hex	F26015
RGB	242, 96, 21
RGB Percent	95%, 38%, 8%
CMY	0.0510, 0.6235, 0.9176
CMYK	0.00, 0.60, 0.91, 0.05
HSL	20°, 89%, 52%
HSV	20°, 91%, 95%
XYZ	40.9362, 27.2971, 3.8208
YIQ	131.1040, 111.0910, 7.6270

Conversions

Conversions Part 2

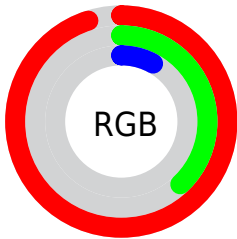
Format	Color
R_{YB}	242, 135, 21
Decimal	15884309
CIE _{Lab}	59.25, 53.25, 64.26
CIE _{LCh}	59, 83.456, 50.354
Yxy	27.2971, 0.5681, 0.3788
Android (android.graphics.Color)	4294074389 (0xFFFF26015)
YUV	131.1040, -54.2813, 97.2558
Hunter-Lab	52.2467, 48.4263, 32.2368

Details

The YUV color **131.1040, -54.2813, 97.2558** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **131.8960, 54.2813, -97.2558**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.5460, -48.0902, 71.4352**, and **75.8160, -37.3773, 88.7384** is the 20% darker color. If you saturate the color by 10%, you get **120.4920, -59.4026, 106.5625**, and if you desaturate by 10%, it is **143.2320, -48.4284, 86.6195**.

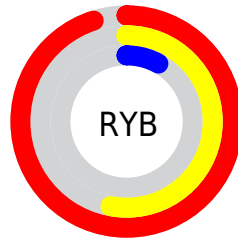
Distribution



Red (95%)

Green (38%)

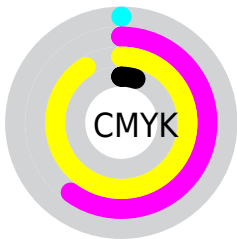
Blue (8%)



Red (95%)

Yellow (53%)

Blue (8%)

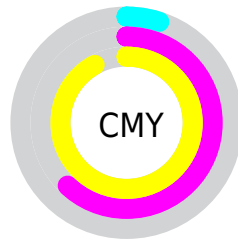


Cyan (0%)

Magenta (60%)

Yellow (91%)

Black (5%)



Cyan (5%)

Magenta (62%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.1040, -54.2813, 97.2558 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 131.1040, -54.2813, 97.2558 by changing the saturation by 10% instead.

131.1040,
-54.2813, 97.2558

131.1040,
-54.2813, 97.2558

255.0000, 0.0000,
0.0000

102.9940,
-50.7760, 92.9673

173.5460,
-48.0902, 71.4352

75.8160, -37.3773,
88.7384

193.0600,
-44.3996, 54.3214

43.6540, -21.5214,
89.7574

213.0470,
-41.4352, 36.7928

34.0860, -16.8044,
70.0846

233.1480,
-38.0340, 19.1642

25.1160, -12.3822,
51.6413

246.9060,
-31.0127, 7.0984


17.2710, -7.5286,
34.8423

250.0980,


5.0830, -2.5059,


-18.7823, 4.2991

10.4512

 253.4040, -6.1152,
1.3997


 0.0000, 0.0000,
0.0000


 131.1040,
-54.2813, 97.2558

 131.1040,
-54.2813, 97.2558


 120.4920,
-59.4026, 106.5625

 143.2320,
-48.4284, 86.6195

 155.3600,
-42.5755, 75.9833

 167.6020,
-36.2858, 65.2470

 179.7300,
-30.4329, 54.6108

 191.8580,
-24.5800, 43.9745

■ 203.9860,
-18.7271, 33.3383

■ 216.1140,
-12.8742, 22.7020

■ 228.3560, -6.5845,
11.9658

■ 240.4840, -0.7316,
1.3295

Harmonies

Analogous

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



119.0010, -10.8465, 119.2711



131.1040, -54.2813, 97.2558



134.3050, -66.2124, 50.5985

Triad

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



131.1040, -54.2813, 97.2558



114.7750, 0.6039, -100.6577



128.0600, 62.5814, -52.6726

Complementary

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



131.1040, -54.2813, 97.2558



131.8960, 54.2813, -97.2558

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.



122.4030, 65.3703, -107.3474



131.1040, -54.2813, 97.2558



124.0260, 33.5112, -108.7708

Square

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



131.1040, -54.2813, 97.2558



101.9050, -33.4772, -89.3707



129.4470, 61.8976, -113.5250



144.0780, 45.8105, 53.4286

Rectangle

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



131.1040, -54.2813, 97.2558



131.4270, -64.7935, 15.4115



129.4470, 61.8976, -113.5250



113.5980, 69.7112, -99.6254

Sweetspot

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



131.1040, -54.2813, 97.2558



220.7190, -17.1165, 30.0644



103.8370, 31.6324, 121.1690



107.4770, -10.0952, 17.9987



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.



131.1040, -54.2813, 97.2558



127.3140, -62.7658, 111.9806



195.0870, -85.8249, 41.1427



113.9360, -2.9264, 5.3181



91.4100, -45.0651, 81.2014



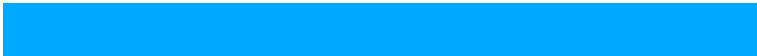
27.8970, -13.7532, 24.6463

Inverse Universe

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



131.8960, 54.2813, -97.2558



127.6860, 62.7658, -111.9806



67.9130, 85.8249, -41.1427



114.0640, 2.9264, -5.3181



92.0030, 45.3545, -80.6866



28.1030, 13.7532, -24.6463

Previews

White Background



This preview shows how the YUV color 131.1040, -54.2813, 97.2558 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 131.1040, -54.2813, 97.2558 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 131.1040, -54.2813, 97.2558

Background



This preview shows how black text looks on a background with the YUV color 131.1040, -54.2813, 97.2558.



This preview shows how white text looks on a background with the YUV color 131.1040, -54.2813, 97.2558.

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

131.1040, -54.2813, 97.2558

Protanopia

135.9560, -50.2643, 21.9636

Deuteranopia

133.9510, -66.0378, 41.2620



Tritanopia

136.6160, -20.5167, 94.1758

Trichromacy



Original Color

131.1040, -54.2813, 97.2558

Protanomaly

134.0780, -51.8035, 49.0436

Deuteranomaly

132.6360, -61.4455, 61.7092

Tritanomaly

134.4130, -32.7416, 95.2308

Monochromacy



Original Color

131.1040, -54.2813, 97.2558

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.7690, -19.6061, 35.2826

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.1040, -54.2813, 97.2558 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(242, 96, 21)` looks like.

```
.text, #text, p{  
    color:rgb(242, 96, 21)  
}
```

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(242, 96, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 96, 21) }
```

Border

The CSS property to change the border of an element to YUV 131.1040, -54.2813, 97.2558 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(242, 96, 21) }
```


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

```
.border{ border-color:rgb(242, 96, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 96, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 96, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 96, 21);  
box-shadow:4px 4px 4px 4px rgb(242, 96,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 131.1040, -54.2813, 97.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 96, 21) }
```

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

```
.background{ background-color: rgb(242, 96,  
21) }
```

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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