

Converting Colors

YUV(142.4090, -60.3476,
82.9563)

Have a look what the booklet for
YUV(142.4090, -60.3476, 82.9563)
contains.

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Color

**YUV(142.4090, -60.3476,
82.9563)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ED7614 |
| RGB | 237, 118, 20 |
| RGB Percent | 93%, 46%, 8% |
| CMY | 0.0706, 0.5373, 0.9216 |
| CMYK | 0.00, 0.50, 0.92, 0.07 |
| HSL | 27°, 86%, 50% |
| HSV | 27°, 92%, 93% |
| XYZ | 41.5298, 31.0119, 4.4589 |
| YIQ | 142.4090, 102.3820, -5.2500 |

Conversions

Conversions Part 2

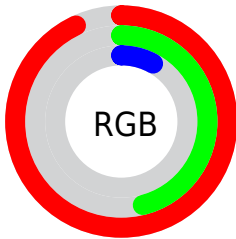
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 237, 199, 20 |
| Decimal | 15562260 |
| CIE Lab | 62.52, 40.97, 66.44 |
| CIE LCh | 63, 78.057, 58.338 |
| Yxy | 31.0119, 0.5393, 0.4027 |
| Android (android.graphics.Color) | 4293752340 (0xFFED7614) |
| YUV | 142.4090, -60.3476, 82.9563 |
| Hunter-Lab | 55.6883, 35.6624, 34.2346 |

Details

The YUV color **142.4090, -60.3476, 82.9563** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **114.5910, 60.3476, -82.9563**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1010, -53.2938, 60.4244**, and **91.3550, -45.0380, 72.4797** is the 20% darker color. If you saturate the color by 10%, you get **133.6720, -65.9003, 90.6187**, and if you desaturate by 10%, it is **152.7760, -53.6266, 73.8644**.

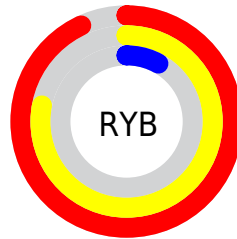
Distribution



Red (93%)

Green (46%)

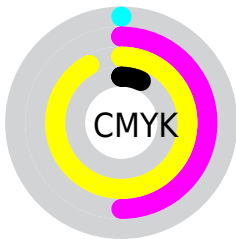
Blue (8%)



Red (93%)

Yellow (78%)

Blue (8%)

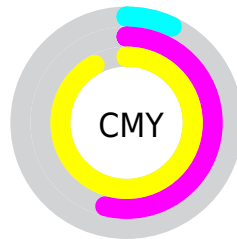


Cyan (0%)

Magenta (50%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (54%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.4090, -60.3476, 82.9563 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 142.4090, -60.3476, 82.9563 by changing the saturation by 10% instead.

142.4090,
-60.3476, 82.9563

142.4090,
-60.3476, 82.9563

255.0000, 0.0000,
0.0000

115.2990,
-56.8424, 78.6678

186.1010,
-53.2938, 60.4244

91.3550, -45.0380,
72.4797

205.6150,
-49.6032, 43.3106

66.8240, -32.9442,
66.8064

225.1290,
-45.9126, 26.1969

39.9450, -19.6929,
63.1922

244.0560,
-41.9326, 9.5979

24.8170, -12.2348,
51.0265

247.2480,
-29.7023, 6.7985

16.8580, -7.8180,
34.3275

250.5540,

5.9800, -2.9481,

-17.0351, 3.8991

12.2955

253.8600, -4.3680,
0.9998

0.0000, 0.0000,
0.0000

142.4090,
-60.3476, 82.9563

142.4090,
-60.3476, 82.9563

133.6720,
-65.9003, 90.6187

152.7760,
-53.6266, 73.8644

163.0290,
-47.3423, 64.8726

173.3960,
-40.6212, 55.7807

183.7630,
-33.9002, 46.6888

194.0160,
-27.6159, 37.6970

■ 204.3830,
-20.8948, 28.6051

■ 214.7500,
-14.1738, 19.5132

■ 225.1170, -7.4527,
10.4214

■ 235.3700, -1.1684,
1.4295

Harmonies

Analogous

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



136.4000, -22.8752, 104.0122



142.4090, -60.3476, 82.9563



141.6040, -69.8108, 38.0583

Triad

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



142.4090, -60.3476, 82.9563



123.3640, 10.6665, -108.1902



148.6910, 52.4103, -10.2530

Complementary

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



142.4090, -60.3476, 82.9563



114.5910, 60.3476, -82.9563

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.



123.5770, 64.7915, -108.3770



142.4090, -60.3476, 82.9563



131.3440, 41.2424, -115.1887

Square

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



142.4090, -60.3476, 82.9563



112.2210, -19.3360, -98.4178



132.3820, 60.4507, -116.0990



152.2340, 35.8736, 67.3238

Rectangle

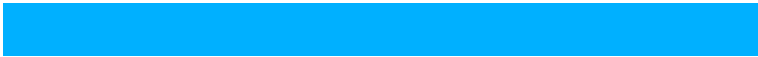
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



142.4090, -60.3476, 82.9563



136.9650, -67.5237, 4.4157



132.3820, 60.4507, -116.0990



137.8060, 57.7766, -51.5729

Sweetspot

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



142.4090, -60.3476, 82.9563



224.8280, -19.1422, 26.4608



98.4490, 19.9916, 121.5092



109.8250, -11.2527, 15.9395



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.



142.4090, -60.3476, 82.9563



143.7500, -70.8688, 97.5662



205.8050, -91.6019, 27.3580



112.2240, -3.0684, 4.1886



102.2530, -50.4107, 69.0611



30.2340, -14.9054, 20.8428

Inverse Universe

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



114.5910, 60.3476, -82.9563



111.2500, 70.8688, -97.5662



51.1950, 91.6019, -27.3580



110.7760, 3.0684, -4.1886



78.7470, 50.4107, -69.0611



23.1790, 15.1948, -20.3280

Previews

White Background



This preview shows how the YUV color 142.4090, -60.3476, 82.9563 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 142.4090, -60.3476, 82.9563 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 142.4090, -60.3476, 82.9563

Background



This preview shows how black text looks on a background with the YUV color 142.4090, -60.3476, 82.9563.



This preview shows how white text looks on a background with the YUV color 142.4090, -60.3476, 82.9563.

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

142.4090, -60.3476, 82.9563

Protanopia

143.7730, -56.0901, 23.8781

Deuteranopia

141.9360, -69.9744, 43.9061



Tritanopia

149.6680, -16.1053, 79.2212

Trichromacy



Original Color

142.4090, -60.3476, 82.9563

Protanomaly

143.4490, -57.9024, 45.2102

Deuteranomaly

142.2350, -66.6709, 57.6759

Tritanomaly

147.1400, -32.1140, 80.5612

Monochromacy



Original Color

142.4090, -60.3476, 82.9563

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.1660, -21.7738, 30.5494

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.4090, -60.3476, 82.9563 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(237, 118, 20)` looks like.

```
.text, #text, p{  
    color:rgb(237, 118, 20)  
}
```

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(237, 118, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 118, 20) }
```

Border

The CSS property to change the border of an element to YUV 142.4090, -60.3476, 82.9563 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(237, 118, 20) }
```


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

```
.border{ border-color:rgb(237, 118, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 118, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 118, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 118, 20);  
box-shadow:4px 4px 4px 4px rgb(237, 118,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 142.4090, -60.3476, 82.9563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 118, 20) }
```

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

```
.background{ background-color: rgb(237,  
118, 20) }
```

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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