

Converting Colors

YUV(142.9530, -62.0948,
83.3562)

Have a look what the booklet for
YUV(142.9530, -62.0948, 83.3562)
contains.

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Color

**YUV(142.9530, -62.0948,
83.3562)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EE7711 |
| RGB | 238, 119, 17 |
| RGB Percent | 93%, 47%, 7% |
| CMY | 0.0667, 0.5333, 0.9333 |
| CMYK | 0.00, 0.50, 0.93, 0.07 |
| HSL | 28°, 87%, 50% |
| HSV | 28°, 93%, 93% |
| XYZ | 41.9579, 31.4113, 4.3819 |
| YIQ | 142.9530, 103.6660, -6.4940 |

Conversions

Conversions Part 2

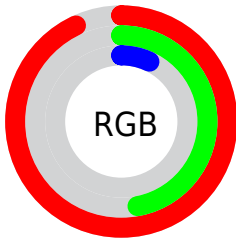
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 238, 206, 17 |
| Decimal | 15628049 |
| CIE _{Lab} | 62.85, 40.83, 67.42 |
| CIE _{LCh} | 63, 78.814, 58.802 |
| Yxy | 31.4113, 0.5396, 0.4040 |
| Android (android.graphics.Color) | 4293818129 (0xFFEE7711) |
| YUV | 142.9530, -62.0948, 83.3562 |
| Hunter-Lab | 56.0458, 35.5515, 34.5965 |

Details

The YUV color **142.9530, -62.0948, 83.3562** 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 **112.0470, 62.0948, -83.3562**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5740, -54.0200, 60.0096**, and **92.2410, -45.4748, 72.5796** is the 20% darker color. If you saturate the color by 10%, you get **135.7320, -66.9159, 89.6890**, and if you desaturate by 10%, it is **153.3200, -55.3738, 74.2644**.

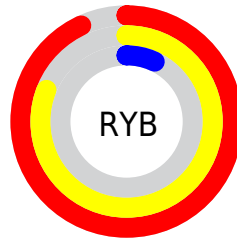
Distribution



Red (93%)

Green (47%)

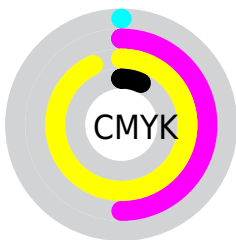
Blue (7%)



Red (93%)

Yellow (81%)

Blue (7%)

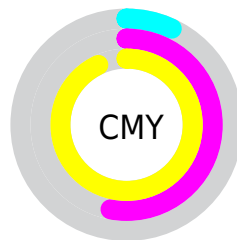


Cyan (0%)

Magenta (50%)

Yellow (93%)

Black (7%)



Cyan (7%)

Magenta (53%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.9530, -62.0948, 83.3562 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 142.9530, -62.0948, 83.3562 by changing the saturation by 10% instead.

142.9530,
-62.0948, 83.3562

142.9530,
-62.0948, 83.3562

255.0000, 0.0000,
0.0000

116.1850,
-57.2792, 78.7678

186.5740,
-54.0200, 60.0096

92.2410, -45.4748,
72.5796

206.0880,
-50.3294, 42.8958

67.4110, -33.2336,
66.2916

225.6020,
-46.6388, 25.7820

41.4180, -20.4191,
62.7774

243.9420,
-42.3694, 9.6979

24.8170, -12.2348,
51.0265

247.1340,
-30.1391, 6.8985

16.7440, -8.2548,
34.4275

250.4400,


6.5780, -3.2430,


-17.4719, 3.9991


13.5251


 253.7460, -4.8048,
1.0998

 0.0000, 0.0000,
0.0000


 142.9530,
-62.0948, 83.3562

 142.9530,
-62.0948, 83.3562

 135.7320,
-66.9159, 89.6890

 153.3200,
-55.3738, 74.2644

 163.6870,
-48.6527, 65.1725

 173.3530,
-42.0790, 56.6954

 183.7200,
-35.3580, 47.6036

 194.0870,
-28.6369, 38.5117

■ 204.4540,
-21.9158, 29.4198

■ 214.8210,
-15.1948, 20.3280

■ 225.0740, -8.9105,
11.3361

■ 234.8540, -1.9000,
2.7590

Harmonies

Analogous

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



136.2860, -23.3120, 104.1122



142.9530, -62.0948, 83.3562



142.1910, -70.1002, 37.5435

Triad

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



142.9530, -62.0948, 83.3562



124.1790, 11.2508, -108.9050



150.1750, 51.6787, -8.9235

Complementary

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



142.9530, -62.0948, 83.3562



112.0470, 62.0948, -83.3562

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.



124.1640, 64.5021, -108.8918



142.9530, -62.0948, 83.3562



132.2730, 42.2634, -116.0034

Square

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



142.9530, -62.0948, 83.3562



112.9220, -19.1885, -99.0326



132.9690, 60.1613, -116.6138



152.6580, 36.1576, 69.5829

Rectangle

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



142.9530, -62.0948, 83.3562



137.2530, -67.6657, 3.2861



132.9690, 60.1613, -116.6138



138.7030, 57.3344, -49.7285

Sweetspot

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



142.9530, -62.0948, 83.3562



224.6000, -20.0158, 26.6608



96.9870, 20.7124, 123.6684



108.8960, -12.2737, 16.7542



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.



142.9530, -62.0948, 83.3562



145.5110, -71.7369, 96.0219



206.3490, -93.3491, 27.7579



114.5230, -3.2158, 4.8033



104.9110, -51.7211, 69.3611



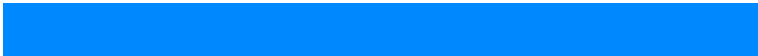
32.0060, -15.7790, 21.0427

Inverse Universe

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



112.0470, 62.0948, -83.3562



109.4890, 71.7369, -96.0219



48.6510, 93.3491, -27.7579



112.8900, 3.5052, -4.2885



79.0890, 51.7211, -69.3611



23.9940, 15.7790, -21.0427

Previews

White Background



This preview shows how the YUV color 142.9530, -62.0948, 83.3562 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 142.9530, -62.0948, 83.3562 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 142.9530, -62.0948, 83.3562

Background



This preview shows how black text looks on a background with the YUV color 142.9530, -62.0948, 83.3562.



This preview shows how white text looks on a background with the YUV color 142.9530, -62.0948, 83.3562.

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

142.9530, -62.0948, 83.3562

Protanopia

144.3170, -57.8373, 24.2780

Deuteranopia

142.8220, -70.4112, 44.0061



Tritanopia

150.9670, -16.2527, 79.8359

Trichromacy



Original Color

142.9530, -62.0948, 83.3562

Protanomaly

143.9930, -59.6495, 45.6101

Deuteranomaly

143.0070, -67.5445, 57.8759

Tritanomaly

148.2110, -33.1350, 81.3760

Monochromacy



Original Color

142.9530, -62.0948, 83.3562

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.9380, -22.6474, 30.7494

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.9530, -62.0948, 83.3562 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(238, 119, 17)` looks like.

```
.text, #text, p{  
    color:rgb(238, 119, 17)  
}
```

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(238, 119, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 119, 17) }
```

Border

The CSS property to change the border of an element to YUV 142.9530, -62.0948, 83.3562 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(238, 119, 17) }
```


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

```
.border{ border-color:rgb(238, 119, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 119, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 119, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 119, 17);  
box-shadow:4px 4px 4px 4px rgb(238, 119,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 142.9530, -62.0948, 83.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 119, 17) }
```

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

```
.background{ background-color: rgb(238,  
119, 17) }
```

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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