

Converting Colors

YUV(142.2110, -33.1350,
81.3760)

Have a look what the booklet for
YUV(142.2110, -33.1350, 81.3760)
contains.

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Color

**YUV(142.2110, -33.1350,
81.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	EB6C4B
RGB	235, 108, 75
RGB Percent	92%, 42%, 29%
CMY	0.0784, 0.5765, 0.7059
CMYK	0.00, 0.54, 0.68, 0.08
HSL	12°, 80%, 61%
HSV	12°, 68%, 92%
XYZ	40.8935, 28.8953, 10.0786
YIQ	142.2110, 86.2850, 16.6610

Conversions

Conversions Part 2

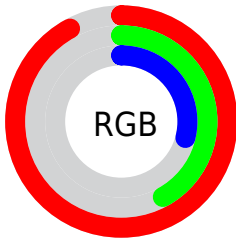
Format	Color
R_{YB}	235, 117, 75
Decimal	15428683
CIE _{Lab}	60.69, 46.91, 41.75
CIE _{LCh}	61, 62.797, 41.672
Yxy	28.8953, 0.5120, 0.3618
Android (android.graphics.Color)	4293618763 (0xFFEB6C4B)
YUV	142.2110, -33.1350, 81.3760
Hunter-Lab	53.7543, 41.7234, 26.5115

Details

The YUV color **142.2110, -33.1350, 81.3760** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **167.7890, 33.1350, -81.3760**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.5890, -29.8704, 60.8734**, and **87.2040, -29.1876, 75.2431** is the 20% darker color. If you saturate the color by 10%, you get **128.4360, -37.6829, 93.4566**, and if you desaturate by 10%, it is **155.9860, -28.5871, 69.2953**.

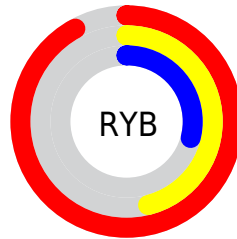
Distribution



Red (92%)

Green (42%)

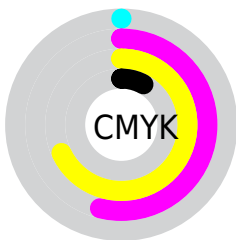
Blue (29%)



Red (92%)

Yellow (46%)

Blue (29%)

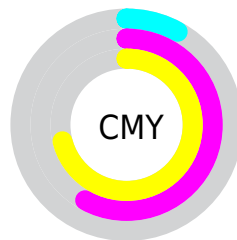


Cyan (0%)

Magenta (54%)

Yellow (68%)

Black (8%)



Cyan (8%)

Magenta (58%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.2110, -33.1350, 81.3760 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 142.2110, -33.1350, 81.3760 by changing the saturation by 10% instead.

■ 142.2110,
-33.1350, 81.3760

■ 142.2110,
-33.1350, 81.3760

■ 255.0000, 0.0000,
0.0000

■ 114.3570,
-31.2350, 78.6169

■ 185.5890,
-29.8704, 60.8734

■ 87.2040, -29.1876,
75.2431

■ 204.9890,
-26.6166, 43.8596

■ 58.2900, -26.2720,
73.4137

■ 225.0900,
-23.2154, 26.2311

■ 33.7870, -16.6570,
69.4698

■ 245.3050,
-19.3774, 8.5025

■ 24.8170, -12.2348,
51.0265

■ 252.6060, -9.1728,
2.0995

■ 16.9720, -7.3812,
34.2276

■ 4.7840, -2.3585,

9.8364

■ 0.0000, 0.0000,
0.0000

■ 142.2110,
-33.1350, 81.3760

■ 142.2110,
-33.1350, 81.3760

■ 128.4360,
-37.6829, 93.4566

■ 155.9860,
-28.5871, 69.2953

■ 115.1340,
-42.9571, 105.1225

■ 169.2880,
-23.3130, 57.6294

■ 101.2450,
-47.9418, 117.3031

■ 183.1770,
-18.3283, 45.4488

■ 98.4410, -48.5314,
119.7622

■ 196.9520,
-13.7803, 33.3681

■ 210.2540, -8.5062,
21.7022

■ 224.0290, -3.9583,
9.6216

■ 237.9180, 1.0264,
-2.5591

■ 249.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



142.0360, -7.4127, 91.1764



142.2110, -33.1350, 81.3760



140.9430, -53.7089, 53.5470

Triad

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



142.2110, -33.1350, 81.3760



112.2160, -1.5855, -98.4134



134.8160, 59.2507, -57.7206

Complementary

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



142.2110, -33.1350, 81.3760



167.7890, 33.1350, -81.3760

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.



123.8220, 63.1918, -108.5919



142.2110, -33.1350, 81.3760



120.5890, 22.8806, -105.7566

Square

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



142.2110, -33.1350, 81.3760



129.6870, -35.8347, -33.0515



124.7560, 46.4623, -109.4110



150.7570, 39.0668, 23.0151

Rectangle

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



142.2110, -33.1350, 81.3760



137.8400, -61.0531, 29.0813



124.7560, 46.4623, -109.4110



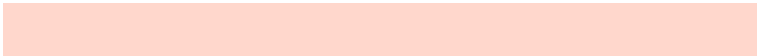
118.2940, 67.3961, -103.7438

Sweetspot

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



142.2110, -33.1350, 81.3760



225.7060, -10.7011, 25.6908



137.4320, 32.3250, 85.5671



109.7910, -6.3060, 15.9693



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.



142.2110, -33.1350, 81.3760



133.7320, -43.2519, 106.3520



188.5840, -55.9969, 40.7068



110.4630, -2.2003, 5.7329



75.8380, -37.3881, 92.2271



22.6030, -11.1433, 27.5352

Inverse Universe

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



167.7890, 33.1350, -81.3760



167.2680, 43.2519, -106.3520



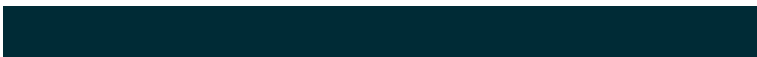
121.4160, 55.9969, -40.7068



112.5370, 2.2003, -5.7329



105.1620, 37.3881, -92.2271



31.3970, 11.1433, -27.5352

Previews

White Background



This preview shows how the YUV color 142.2110, -33.1350, 81.3760 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 142.2110, -33.1350, 81.3760 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 142.2110, -33.1350, 81.3760

Background



This preview shows how black text looks on a background with the YUV color 142.2110, -33.1350, 81.3760.



This preview shows how white text looks on a background with the YUV color 142.2110, -33.1350, 81.3760.

81.3760.

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

142.2110, -33.1350, 81.3760

Protanopia

144.4600, -27.8348, 14.5056

Deuteranopia

144.0510, -37.4931, 32.4043



Tritanopia

143.8640, -16.6950, 81.6803

Trichromacy



Original Color

142.2110, -33.1350, 81.3760

Protanomaly

143.7450, -29.9473, 38.8116

Deuteranomaly

143.3290, -35.6582, 50.5775

Tritanomaly

143.2570, -22.8047, 81.3356

Monochromacy



Original Color

142.2110, -33.1350, 81.3760

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.3860, -12.0223, 29.4795

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.2110, -33.1350, 81.3760 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(235, 108, 75)` looks like.

```
.text, #text, p{  
    color:rgb(235, 108, 75)  
}
```

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(235, 108, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 108, 75) }
```

Border

The CSS property to change the border of an element to YUV 142.2110, -33.1350, 81.3760 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(235, 108, 75) }
```


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

```
.border{ border-color:rgb(235, 108, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 108, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 108, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 108, 75);  
box-shadow:4px 4px 4px 4px rgb(235, 108,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 142.2110, -33.1350, 81.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 108, 75) }
```

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

```
.background{ background-color: rgb(235,  
108, 75) }
```

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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