

Converting Colors

YUV(145.1480, -44.4430,
68.2762)

Have a look what the booklet for
YUV(145.1480, -44.4430, 68.2762)
contains.

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Color

**YUV(145.1480, -44.4430,
68.2762)**

Conversions

Conversions Part 1

Format	Color
Hex	DF7B37
RGB	223, 123, 55
RGB Percent	87%, 48%, 22%
CMY	0.1255, 0.5176, 0.7843
CMYK	0.00, 0.45, 0.75, 0.13
HSL	24°, 72%, 55%
HSV	24°, 75%, 87%
XYZ	38.2040, 30.1297, 7.4165
YIQ	145.1480, 81.4280, 0.0520

Conversions

Conversions Part 2

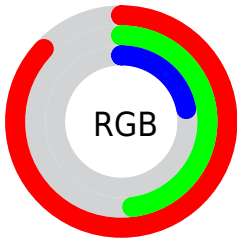
Format	Color
R _Y B	223, 169, 55
Decimal	14646071
CIE Lab	61.77, 33.80, 52.40
CIE LCh	62, 62.357, 57.175
Yxy	30.1297, 0.5043, 0.3978
Android (android.graphics.Color)	4292836151 (0xFFDF7B37)
YUV	145.1480, -44.4430, 68.2762
Hunter-Lab	54.8906, 28.1780, 30.4125

Details

The YUV color **145.1480, -44.4430, 68.2762** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **132.8520, 44.4430, -68.2762**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.2280, -42.5104, 55.0510**, and **90.7020, -44.7161, 62.5283** is the 20% darker color. If you saturate the color by 10%, you get **135.0090, -50.2904, 77.1681**, and if you desaturate by 10%, it is **155.2870, -38.5955, 59.3843**.

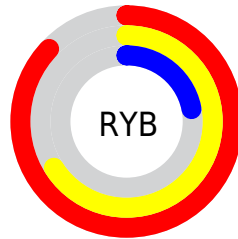
Distribution



Red (87%)

Green (48%)

Blue (22%)



Red (87%)

Yellow (66%)

Blue (22%)

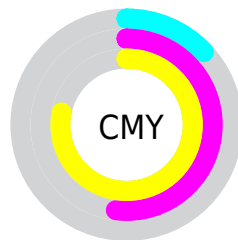


Cyan (0%)

Magenta (45%)

Yellow (75%)

Black (13%)



Cyan (13%)

Magenta (52%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.1480, -44.4430, 68.2762 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 145.1480, -44.4430, 68.2762 by changing the saturation by 10% instead.

145.1480,
-44.4430, 68.2762

145.1480,
-44.4430, 68.2762

255.0000, 0.0000,
0.0000

117.6530,
-43.7059, 65.2023

192.2280,
-42.5104, 55.0510

90.7020, -44.7161,
62.5283

211.0410,
-38.9672, 38.5520

67.6440, -33.3485,
56.4402

231.1420,
-35.5660, 20.9235

43.9990, -21.6915,
50.8669

247.1340,
-30.1391, 6.8985

22.1260, -10.9081,
45.4935

250.3260,
-17.9087, 4.0991

14.7650, -6.7861,
30.0241

253.6320, -5.2416,

0.0000, 0.0000,

1.1997

0.0000

■ 145.1480,
-44.4430, 68.2762

■ 145.1480,
-44.4430, 68.2762

■ 135.0090,
-50.2904, 77.1681

■ 155.2870,
-38.5955, 59.3843

■ 124.1690,
-56.2853, 86.6748

■ 166.1270,
-32.6006, 49.8776

■ 119.5070,
-58.9170, 90.7634

■ 176.2660,
-26.7531, 40.9857

■ 186.4050,
-20.9057, 32.0938

■ 196.6580,
-14.6214, 23.1019

■ 207.3840, -9.0633,
13.6952

■ 217.5230, -3.2158,
4.8033

■ 227.6620, 2.6316,
-4.0886

■ 237.8010, 8.4791,
-12.9805

Harmonies

Analogous

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



145.3550, -21.3740, 89.1427



145.1480, -44.4430, 68.2762



142.0410, -59.1802, 35.0440

Triad

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



145.1480, -44.4430, 68.2762



118.9130, 11.3819, -104.2867



150.2520, 48.1898, -9.8680

Complementary

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



145.1480, -44.4430, 68.2762



132.8520, 44.4430, -68.2762

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.



121.2290, 65.9491, -106.3178



145.1480, -44.4430, 68.2762



125.2970, 35.8426, -109.8855

Square

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



145.1480, -44.4430, 68.2762



122.7500, -18.1178, -69.0637



127.2640, 56.0718, -111.6105



152.7730, 28.2129, 51.0651

Rectangle

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



145.1480, -44.4430, 68.2762



138.7170, -54.5835, 7.2642



127.2640, 56.0718, -111.6105



144.0960, 54.6757, -36.9182

Sweetspot

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



145.1480, -44.4430, 68.2762



227.7290, -15.6424, 23.9167



116.7460, 19.3522, 93.1848



110.9820, -9.3581, 14.9248



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.



145.1480, -44.4430, 68.2762



148.3610, -60.8170, 93.5224



193.8690, -68.4624, 25.5479



107.2240, -3.0684, 4.1886



94.3010, -46.4904, 71.6500



26.0920, -12.8634, 19.2133

Inverse Universe

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



132.8520, 44.4430, -68.2762



131.6390, 60.8170, -93.5224



84.1310, 68.4624, -25.5479



106.3630, 2.7790, -4.7034



81.6990, 46.4904, -71.6500



22.4950, 12.5740, -19.7281

Previews

White Background



This preview shows how the YUV color 145.1480, -44.4430, 68.2762 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 145.1480, -44.4430, 68.2762 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 145.1480, -44.4430, 68.2762

Background



This preview shows how black text looks on a background with the YUV color 145.1480, -44.4430, 68.2762.



This preview shows how white text looks on a background with the YUV color 145.1480, -44.4430,

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

145.1480, -44.4430, 68.2762

Protanopia

145.1650, -40.5073, 19.1493

Deuteranopia

144.8530, -47.2555, 36.9629



Tritanopia

150.1010, -12.8678, 67.4404

Trichromacy



Original Color

145.1480, -44.4430, 68.2762

Protanomaly

144.9330, -41.8720, 36.8928

Deuteranomaly

144.8590, -46.2725, 48.3587

Tritanomaly

148.7130, -24.5085, 67.7807

Monochromacy



Original Color

145.1480, -44.4430, 68.2762

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9140, -16.2266, 24.6314

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.1480, -44.4430, 68.2762 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(223, 123, 55)` looks like.

```
.text, #text, p{  
    color:rgb(223, 123, 55)  
}
```

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(223, 123, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 123, 55) }
```

Border

The CSS property to change the border of an element to YUV 145.1480, -44.4430, 68.2762 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(223, 123, 55) }
```


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

```
.border{ border-color:rgb(223, 123, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 123, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 123, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 123, 55);  
box-shadow:4px 4px 4px 4px rgb(223, 123,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 145.1480, -44.4430, 68.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 123, 55) }
```

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

```
.background{ background-color: rgb(223,  
123, 55) }
```

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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