

Converting Colors

YUV(120.2390, -35.6138,
83.1054)

Have a look what the booklet for
YUV(120.2390, -35.6138, 83.1054)
contains.

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Color

**YUV(120.2390, -35.6138,
83.1054)**

Conversions

Conversions Part 1

Format	Color
Hex	D75630
RGB	215, 86, 48
RGB Percent	84%, 34%, 19%
CMY	0.1569, 0.6627, 0.8118
CMYK	0.00, 0.60, 0.78, 0.16
HSL	14°, 68%, 52%
HSV	14°, 78%, 84%
XYZ	31.8856, 21.3161, 5.2302
YIQ	120.2390, 89.0820, 15.5300

Conversions

Conversions Part 2

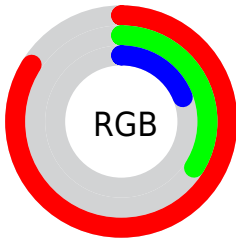
Format	Color
R_{YB}	215, 97, 48
Decimal	14112304
CIE _{Lab}	53.29, 48.74, 46.77
CIE _{LCh}	53, 67.550, 43.818
Yxy	21.3161, 0.5457, 0.3648
Android (android.graphics.Color)	4292302384 (0xFFD75630)
YUV	120.2390, -35.6138, 83.1054
Hunter-Lab	46.1693, 42.4800, 25.6020

Details

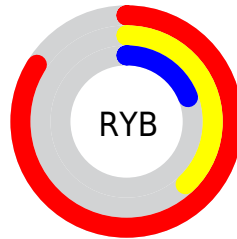
The YUV color **120.2390, -35.6138, 83.1054** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **142.7610, 35.6138, -83.1054**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.4830, -35.7341, 74.9984**, and **63.3570, -31.2350, 78.6169** is the 20% darker color. If you saturate the color by 10%, you get **107.8660, -39.8669, 93.9565**, and if you desaturate by 10%, it is **132.7260, -30.9239, 72.1543**.

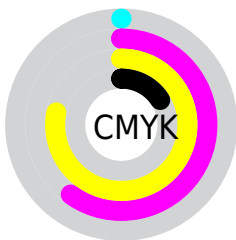
Distribution



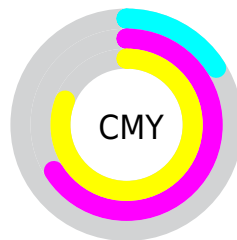
- Red (84%)
- Green (34%)
- Blue (19%)



- Red (84%)
- Yellow (38%)
- Blue (19%)



- Cyan (0%)
- Magenta (60%)
- Yellow (78%)
- Black (16%)



- Cyan (16%)
- Magenta (66%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2390, -35.6138, 83.1054 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 120.2390, -35.6138, 83.1054 by changing the saturation by 10% instead.

■ 120.2390,
-35.6138, 83.1054

■ 120.2390,
-35.6138, 83.1054

■ 255.0000, 0.0000,
0.0000

■ 92.3850, -33.7138,
80.3464

■ 169.4830,
-35.7341, 74.9984

■ 63.3570, -31.2350,
78.6169

■ 188.7690,
-32.9171, 58.0846

■ 36.4780, -17.9837,
75.0028

■ 208.1690,
-29.6633, 41.0708

■ 27.5080, -13.5614,
56.5595

■ 227.6830,
-25.9727, 23.9570

■ 19.2500, -8.9972,
39.2458

■ 248.4850,
-22.4241, 5.7137

■ 10.2800, -4.5750,
20.8024

■ 252.3780,

■ 0.0000, 0.0000,

-10.0464, 2.2995

0.0000

■ 120.2390,
-35.6138, 83.1054

■ 120.2390,
-35.6138, 83.1054

■ 107.8660,
-39.8669, 93.9565

■ 132.7260,
-30.9239, 72.1543

■ 95.9660, -44.8462,
104.3928

■ 144.5120,
-26.3814, 61.8180

■ 93.0480, -45.8727,
106.9519

■ 156.9990,
-21.6915, 50.8669

■ 168.7850,
-17.1490, 40.5306

■ 181.2720,
-12.4591, 29.5795

■ 193.6450, -8.2060,
18.7283

■ 205.5450, -3.2267,
8.2920

■ 217.9180, 1.0264,
-2.5591

■ 229.8180, 6.0057,
-12.9954

Harmonies

Analogous

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



117.4930, -7.1450, 98.6686



120.2390, -35.6138, 83.1054



119.8520, -59.0870, 51.8728

Triad

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



120.2390, -35.6138, 83.1054



99.2390, -3.0758, -87.0326



108.9220, 65.1145, -71.8456

Complementary

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



120.2390, -35.6138, 83.1054



142.7610, 35.6138, -83.1054

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.



111.1870, 63.0118, -97.5110



120.2390, -35.6138, 83.1054



107.2530, 22.5533, -94.0609

Square

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



120.2390, -35.6138, 83.1054



106.1050, -36.5338, -42.1881



112.2350, 46.7191, -98.4301



130.4310, 40.2135, 28.5630

Rectangle

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



120.2390, -35.6138, 83.1054



118.5020, -58.4215, 24.9927



112.2350, 46.7191, -98.4301



105.3000, 68.3791, -92.3481

Sweetspot

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



120.2390, -35.6138, 83.1054



221.8590, -12.7485, 29.0647



112.8670, 32.6036, 89.5706



107.4600, -7.6218, 18.0136



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.



120.2390, -35.6138, 83.1054



120.5610, -50.5626, 117.9030



168.3730, -59.3439, 40.8919



101.0500, -2.4896, 5.2182



74.0220, -36.4928, 85.0497



18.7270, -9.2324, 21.2874

Inverse Universe

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



142.7610, 35.6138, -83.1054



152.4390, 50.5626, -117.9030



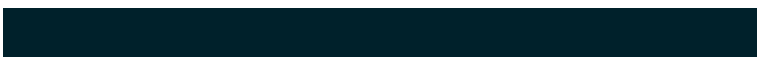
94.6270, 59.3439, -40.8919



102.5370, 2.2003, -5.7329



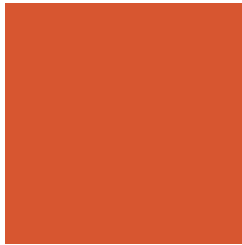
96.9780, 36.4928, -85.0497



24.2730, 9.2324, -21.2874

Previews

White Background



This preview shows how the YUV color 120.2390, -35.6138, 83.1054 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 120.2390, -35.6138, 83.1054 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 120.2390, -35.6138, 83.1054 Background



This preview shows how black text looks on a background with the YUV color 120.2390, -35.6138, 83.1054.



This preview shows how white text looks on a background with the YUV color 120.2390, -35.6138, 83.1054.

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

120.2390, -35.6138, 83.1054

Protanopia

124.4340, -31.7660, 15.4054

Deuteranopia

123.1990, -42.0031, 32.2745



Tritanopia

122.6360, -17.5685, 81.8802

Trichromacy



Original Color

120.2390, -35.6138, 83.1054

Protanomaly

123.2460, -33.1523, 40.1263

Deuteranomaly

122.0040, -39.4420, 50.8625

Tritanomaly

121.6270, -23.9731, 82.7651

Monochromacy



Original Color

120.2390, -35.6138, 83.1054

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.4570, -13.0433, 30.2942

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2390, -35.6138, 83.1054 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(215, 86, 48)` looks like.

```
.text, #text, p{  
    color:rgb(215, 86, 48)  
}
```

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(215, 86, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 86, 48) }
```

Border

The CSS property to change the border of an element to YUV 120.2390, -35.6138, 83.1054 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(215, 86, 48) }
```


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

```
.border{ border-color:rgb(215, 86, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 86, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 86, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 86, 48);  
box-shadow:4px 4px 4px 4px rgb(215, 86,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 120.2390, -35.6138, 83.1054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 86, 48) }
```

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

```
.background{ background-color: rgb(215, 86,  
48) }
```

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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