

Converting Colors

YUV(128.0650, -51.7970,
93.7820)

Have a look what the booklet for
YUV(128.0650, -51.7970, 93.7820)
contains.

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Color

**YUV(128.0650, -51.7970,
93.7820)**

Conversions

Conversions Part 1

Format	Color
Hex	EB5E17
RGB	235, 94, 23
RGB Percent	92%, 37%, 9%
CMY	0.0784, 0.6314, 0.9098
CMYK	0.00, 0.60, 0.90, 0.08
HSL	20°, 84%, 51%
HSV	20°, 90%, 92%
XYZ	38.4183, 25.7294, 3.7520
YIQ	128.0650, 106.8270, 7.8110

Conversions

Conversions Part 2

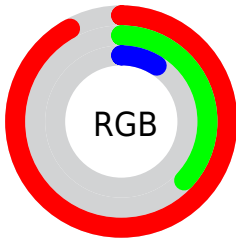
Format	Color
RYB	235, 130, 23
Decimal	15425047
CIELab	57.78, 51.67, 62.12
CIELCh	58, 80.806, 50.246
Yxy	25.7294, 0.5658, 0.3789
Android (android.graphics.Color)	4293615127 (0xFFEB5E17)
YUV	128.0650, -51.7970, 93.7820
Hunter-Lab	50.7242, 46.4279, 31.1213

Details

The YUV color **128.0650, -51.7970, 93.7820** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **129.9350, 51.7970, -93.7820**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4860, -47.0746, 72.3648**, and **73.4350, -36.2035, 85.5645** is the 20% darker color. If you saturate the color by 10%, you get **116.6380, -57.5025, 103.8035**, and if you desaturate by 10%, it is **140.1930, -45.9441, 83.1457**.

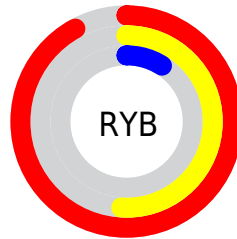
Distribution



Red (92%)

Green (37%)

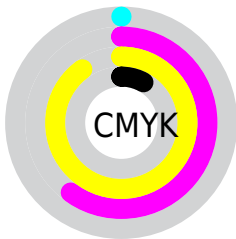
Blue (9%)



Red (92%)

Yellow (51%)

Blue (9%)

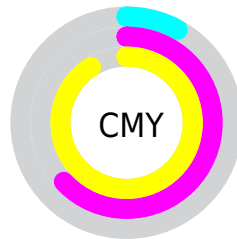


Cyan (0%)

Magenta (60%)

Yellow (90%)

Black (8%)



Cyan (8%)

Magenta (63%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.0650, -51.7970, 93.7820 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 128.0650, -51.7970, 93.7820 by changing the saturation by 10% instead.

128.0650,
-51.7970, 93.7820

128.0650,
-51.7970, 93.7820

255.0000, 0.0000,
0.0000

100.0260,
-49.3128, 90.3082

172.4860,
-47.0746, 72.3648

73.4350, -36.2035,
85.5645

191.2990,
-43.5314, 55.8658

41.5610, -20.4896,
85.4540

211.4000,
-40.1302, 38.2372

32.2920, -15.9200,
66.3959

231.5010,
-36.7290, 20.6086

23.3220, -11.4977,
47.9526

246.9060,
-31.0127, 7.0984

15.7760, -6.7916,
31.7684

250.2120,

0.0000, 0.0000,

-18.3455, 4.1991

0.0000

253.4040, -6.1152,
1.3997

128.0650,
-51.7970, 93.7820

128.0650,
-51.7970, 93.7820

116.6380,
-57.5025, 103.8035

140.1930,
-45.9441, 83.1457

151.6200,
-40.2387, 73.1243

163.7480,
-34.3858, 62.4880

175.7620,
-28.9697, 51.9517

187.3030,
-22.8274, 41.8303

■ 199.3170,
-17.4113, 31.2940

■ 210.7440,
-11.7058, 21.2725

■ 222.8720, -5.8529,
10.6363

■ 235.0000, 0.0000,
0.0000

Harmonies

Analogous

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



119.3600, -12.0095, 118.9563



128.0650, -51.7970, 93.7820



131.0490, -64.6072, 49.0690

Triad

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



128.0650, -51.7970, 93.7820



111.4980, 0.7405, -97.7837



125.7120, 63.7390, -50.6134

Complementary

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



128.0650, -51.7970, 93.7820



129.9350, 51.7970, -93.7820

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.



119.4680, 66.8173, -104.7734



128.0650, -51.7970, 93.7820



120.4070, 32.3373, -105.5969

Square

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



128.0650, -51.7970, 93.7820



99.0840, -31.5934, -86.8967



125.6000, 59.8502, -110.1512



140.3120, 44.2162, 51.4694

Rectangle

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



128.0650, -51.7970, 93.7820



128.1820, -63.1937, 15.6264



125.6000, 59.8502, -110.1512



111.2500, 70.8688, -97.5662

Sweetspot

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



128.0650, -51.7970, 93.7820



220.1320, -16.8271, 30.5792



102.4620, 30.3382, 116.2358



106.8900, -9.8058, 18.5135



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.



128.0650, -51.7970, 93.7820



126.1400, -62.1870, 113.0102



190.2870, -82.4725, 39.2133



111.0500, -2.4896, 5.2182



89.9260, -44.3335, 79.8719



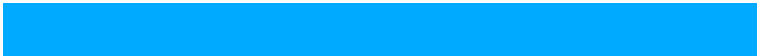
26.7120, -13.1690, 23.9316

Inverse Universe

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



129.9350, 51.7970, -93.7820



128.8600, 62.1870, -113.0102



67.7130, 82.4725, -39.2133



111.3630, 2.7790, -4.7034



91.0740, 44.3335, -79.8719



27.2880, 13.1690, -23.9316

Previews

White Background



This preview shows how the YUV color 128.0650, -51.7970, 93.7820 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 128.0650, -51.7970, 93.7820 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 128.0650, -51.7970, 93.7820

Background



This preview shows how black text looks on a background with the YUV color 128.0650, -51.7970, 93.7820.



This preview shows how white text looks on a background with the YUV color 128.0650, -51.7970, 93.7820.

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

128.0650, -51.7970, 93.7820

Protanopia

132.8140, -48.2223, 20.3341

Deuteranopia

130.1080, -64.1432, 40.2473



Tritanopia

133.1210, -19.7797, 91.1019

Trichromacy



Original Color

128.0650, -51.7970, 93.7820

Protanomaly

131.0500, -49.3246, 47.3142

Deuteranomaly

129.0810, -59.6929, 59.5650

Tritanomaly

131.1460, -31.1310, 91.9570

Monochromacy



Original Color

128.0650, -51.7970, 93.7820

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.2850, -18.8745, 33.9531

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.0650, -51.7970, 93.7820 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, 94, 23)` looks like.

```
.text, #text, p{  
    color:rgb(235, 94, 23)  
}
```

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, 94, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 94, 23) }
```

Border

The CSS property to change the border of an element to YUV 128.0650, -51.7970, 93.7820 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, 94, 23) }
```


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

```
.border{ border-color:rgb(235, 94, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 94, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 94, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 94, 23);  
box-shadow:4px 4px 4px 4px rgb(235, 94,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 128.0650, -51.7970, 93.7820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 94, 23) }
```

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

```
.background{ background-color: rgb(235, 94,  
23) }
```

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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