

Converting Colors

YUV(128.5850, -17.0504,
55.6150)

Have a look what the booklet for
YUV(128.5850, -17.0504, 55.6150)
contains.

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Color

**YUV(128.5850, -17.0504,
55.6150)**

Conversions

Conversions Part 1

Format	Color
Hex	C0675E
RGB	192, 103, 94
RGB Percent	75%, 40%, 37%
CMY	0.2471, 0.5961, 0.6314
CMYK	0.00, 0.46, 0.51, 0.25
HSL	6°, 44%, 56%
HSV	6°, 51%, 75%
XYZ	28.6089, 21.7151, 13.2733
YIQ	128.5850, 55.9330, 16.0690

Conversions

Conversions Part 2

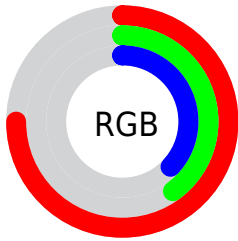
Format	Color
RYB	192, 104, 94
Decimal	12609374
CIELab	53.72, 34.55, 21.05
CIELCh	54, 40.459, 31.343
Yxy	21.7151, 0.4498, 0.3414
Android (android.graphics.Color)	4290799454 (0xFFC0675E)
YUV	128.5850, -17.0504, 55.6150
Hunter-Lab	46.5995, 28.0376, 15.7316

Details

The YUV color **128.5850, -17.0504, 55.6150** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **157.4150, 17.0504, -55.6150**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3360, -19.3926, 60.2183**, and **76.9480, -14.2714, 50.9116** is the 20% darker color. If you saturate the color by 10%, you get **116.4400, -20.4299, 66.2661**, and if you desaturate by 10%, it is **140.7300, -13.6709, 44.9638**.

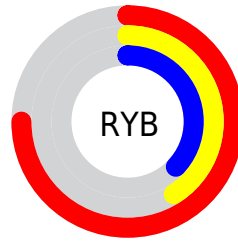
Distribution



Red (75%)

Green (40%)

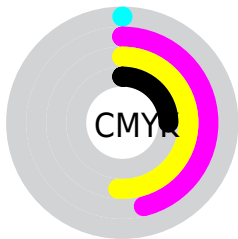
Blue (37%)



Red (75%)

Yellow (41%)

Blue (37%)

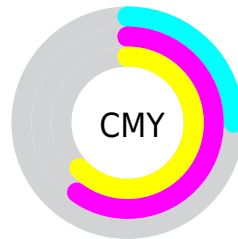


Cyan (0%)

Magenta (46%)

Yellow (51%)

Black (25%)



Cyan (25%)

Magenta (60%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.5850, -17.0504, 55.6150 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 128.5850, -17.0504, 55.6150 by changing the saturation by 10% instead.

■ 128.5850,
-17.0504, 55.6150

■ 128.5850,
-17.0504, 55.6150

■ 255.0000, 0.0000,
0.0000

■ 102.5030,
-16.0240, 53.0559

■ 183.3360,
-19.3926, 60.2183

■ 76.9480, -14.2714,
50.9116

■ 203.1600,
-15.8549, 45.4637

■ 51.5070, -12.0820,
48.6674

■ 222.6740,
-12.1643, 28.3499

■ 24.0340, -11.3558,
49.0822

■ 242.8890, -8.3263,
10.6213

■ 15.8470, -7.8126,
32.5832

■ 5.3820, -2.6533,
11.0660

■ 0.0000, 0.0000,

0.0000

■ 128.5850,
-17.0504, 55.6150

■ 128.5850,
-17.0504, 55.6150

■ 116.4400,
-20.4299, 66.2661

■ 140.7300,
-13.6709, 44.9638

■ 103.7080,
-23.5200, 77.4321

■ 153.4620,
-10.5808, 33.7978

■ 91.4490, -27.3364,
88.1832

■ 165.7210, -6.7645,
23.0467

■ 78.7170, -30.4265,
99.3492

■ 178.4530, -3.6743,
11.8807

■ 67.9740, -33.5112,
108.7708

■ 190.5980, -0.2948,
1.2296

■ 203.3300, 2.7953,
-9.9364

■ 215.4750, 6.1748,
-20.5876

■ 227.7340, 9.9911,
-31.3387

■ 236.1630, 9.2866,
-38.7310

Harmonies

Analogous

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



130.1130, -1.0417, 54.2749



128.5850, -17.0504, 55.6150



127.2940, -29.2319, 42.7152

Triad

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



128.5850, -17.0504, 55.6150



114.6900, -10.2002, -41.8241



120.6870, 38.1153, -45.3295

Complementary

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



128.5850, -17.0504, 55.6150



157.4150, 17.0504, -55.6150

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.



104.3130, 41.7507, -91.4825



128.5850, -17.0504, 55.6150



100.4080, 14.0959, -88.0578

Square

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



128.5850, -17.0504, 55.6150



121.5450, -26.8907, -8.3710



103.8110, 29.6732, -91.0422



131.0520, 28.0754, 1.7084

Rectangle

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



128.5850, -17.0504, 55.6150



126.0550, -33.5511, 28.0158



103.8110, 29.6732, -91.0422



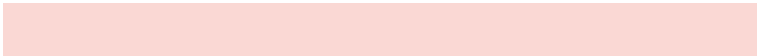
111.8690, 41.9696, -68.2911

Sweetspot

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



128.5850, -17.0504, 55.6150



225.7100, -6.7590, 21.3023



133.5620, 24.8659, 51.2501



110.6380, -4.2585, 12.5955



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



128.5850, -17.0504, 55.6150



150.9650, -26.6047, 86.8537



156.7610, -30.9412, 30.9046



90.5770, -1.7635, 5.6330



56.9440, -28.0734, 91.2571



11.6280, -5.7326, 18.7432

Inverse Universe

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



157.4150, 17.0504, -55.6150



196.0350, 26.6047, -86.8537



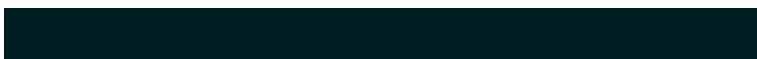
129.2390, 30.9412, -30.9046



93.4230, 1.7635, -5.6330



104.0560, 28.0734, -91.2571



21.3720, 5.7326, -18.7432

Previews

White Background



This preview shows how the YUV color 128.5850, -17.0504, 55.6150 looks on a white background.

Color Contrast Check

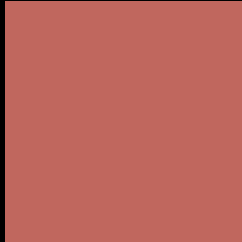
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.5850, -17.0504, 55.6150 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 128.5850, -17.0504, 55.6150 Background



This preview shows how black text looks on a background with the YUV color 128.5850, -17.0504, 55.6150.



This preview shows how white text looks on a background with the YUV color 128.5850, -17.0504,

55.6150.

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

128.5850, -17.0504, 55.6150

Protanopia

128.4710, -11.0782, 6.6029

Deuteranopia

128.5070, -18.9840, 22.3574



Tritanopia

129.3060, -10.5039, 55.8596

Trichromacy



Original Color

128.5850, -17.0504, 55.6150

Protanomaly

128.7120, -13.1690, 23.9316

Deuteranomaly

128.6980, -18.5851, 34.4679

Tritanomaly

129.3230, -12.9772, 55.8447

Monochromacy



Original Color

128.5850, -17.0504, 55.6150

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1120, -6.4642, 20.0728

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.5850, -17.0504, 55.6150 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(192, 103, 94)` looks like.

```
.text, #text, p{  
    color:rgb(192, 103, 94)  
}
```

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(192, 103, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 103, 94) }
```

Border

The CSS property to change the border of an element to YUV 128.5850, -17.0504, 55.6150 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(192, 103, 94) }
```


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

```
.border{ border-color:rgb(192, 103, 94) }
```

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

Here you see how a box with a 4 pixel rgb(192, 103, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 103, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 103, 94);  
box-shadow:4px 4px 4px 4px rgb(192, 103,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 128.5850, -17.0504, 55.6150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 103, 94) }
```

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

```
.background{ background-color: rgb(192,  
103, 94) }
```

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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