

Converting Colors

YUV(137.7490, -39.3163,
57.2251)

Have a look what the booklet for
YUV(137.7490, -39.3163, 57.2251)
contains.

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Color

**YUV(137.7490, -39.3163,
57.2251)**

Conversions

Conversions Part 1

Format	Color
Hex	CB783A
RGB	203, 120, 58
RGB Percent	80%, 47%, 23%
CMY	0.2039, 0.5294, 0.7725
CMYK	0.00, 0.41, 0.71, 0.20
HSL	26°, 58%, 51%
HSV	26°, 71%, 80%
XYZ	32.1088, 26.4349, 7.4131
YIQ	137.7490, 69.3700, -1.6860

Conversions

Conversions Part 2

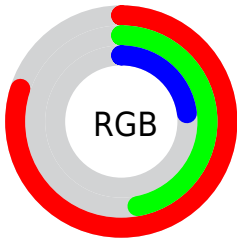
Format	Color
R _Y B	203, 166, 58
Decimal	13334586
CIE Lab	58.45, 27.33, 46.69
CIE LCh	58, 54.104, 59.654
Yxy	26.4349, 0.4868, 0.4008
Android (android.graphics.Color)	4291524666 (0xFFCB783A)
YUV	137.7490, -39.3163, 57.2251
Hunter-Lab	51.4149, 21.4978, 27.4419

Details

The YUV color **137.7490, -39.3163, 57.2251** 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 **123.2510, 39.3163, -57.2251**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1080, -40.4792, 56.9103**, and **84.7160, -39.3000, 51.9921** is the 20% darker color. If you saturate the color by 10%, you get **128.4250, -44.5795, 65.4023**, and if you desaturate by 10%, it is **147.0730, -34.0530, 49.0480**.

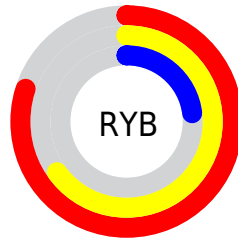
Distribution



Red (80%)

Green (47%)

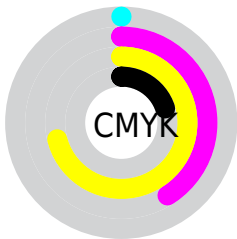
Blue (23%)



Red (80%)

Yellow (65%)

Blue (23%)

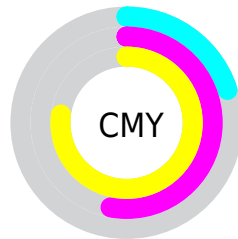


Cyan (0%)

Magenta (41%)

Yellow (71%)

Black (20%)



Cyan (20%)


Magenta (53%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.7490, -39.3163, 57.2251 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 137.7490, -39.3163, 57.2251 by changing the saturation by 10% instead.


 137.7490,
-39.3163, 57.2251


 137.7490,
-39.3163, 57.2251


255.0000, 0.0000,
0.0000

 111.2540,
-38.5792, 54.1512


 190.1080,
-40.4792, 56.9103

 84.7160, -39.3000,
51.9921


 208.9210,
-36.9361, 40.4113


 61.9740, -30.5532,
46.5038

 229.0220,
-33.5348, 22.7827

 39.8020, -19.6224,
40.5156

 247.3620,
-29.2655, 6.6985

 18.2280, -8.9864,
35.7570

 250.5540,
-17.0351, 3.8991

 10.2800, -4.5750,
20.8024

 253.8600, -4.3680,

 0.0000, 0.0000,

0.9998

0.0000

■ 137.7490,
-39.3163, 57.2251

■ 137.7490,
-39.3163, 57.2251

■ 128.4250,
-44.5795, 65.4023

■ 147.0730,
-34.0530, 49.0480

■ 119.5740,
-50.5690, 73.1646

■ 155.9240,
-28.0635, 41.2857

■ 111.7660,
-55.1006, 80.0122

■ 165.2480,
-22.8003, 33.1085

■ 173.9850,
-17.2476, 25.4462

■ 183.4230,
-11.5475, 17.1690

■ 192.7470, -6.2843,
8.9919

■ 201.4840, -0.7316,
1.3295

■ 210.8080, 4.5317,
-6.8476

■ 220.2460, 10.2317,
-15.1247

Harmonies

Analogous

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



138.6800, -21.0412, 75.7026



137.7490, -39.3163, 57.2251



134.9720, -47.8072, 27.2116

Triad

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



137.7490, -39.3163, 57.2251



111.4130, 13.1074, -97.7092



142.4180, 39.7269, -2.1206

Complementary

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



137.7490, -39.3163, 57.2251



123.2510, 39.3163, -57.2251

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.



112.4920, 60.3964, -98.6555



137.7490, -39.3163, 57.2251



116.8850, 34.0737, -102.5081

Square

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



137.7490, -39.3163, 57.2251



119.1300, -14.3611, -60.6270



118.0540, 51.2454, -103.5334



143.8450, 22.2614, 46.6169

Rectangle

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



137.7490, -39.3163, 57.2251



132.4420, -44.0949, 3.1204



118.0540, 51.2454, -103.5334



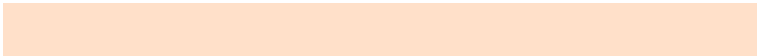
138.9530, 44.8862, -23.6378

Sweetspot

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



137.7490, -39.3163, 57.2251



230.6470, -14.6160, 21.3576



111.0450, 15.7538, 80.6445



113.1990, -8.4791, 12.9805



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.



137.7490, -39.3163, 57.2251



156.0720, -59.1955, 86.7599



179.4260, -59.8630, 20.6744



97.3380, -2.6316, 4.0886



91.3110, -45.0163, 65.5023



20.7540, -10.2317, 15.1247

Inverse Universe

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



123.2510, 39.3163, -57.2251



134.3410, 59.4849, -86.2451



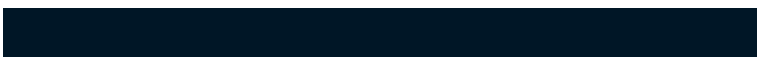
81.5740, 59.8630, -20.6744



96.6620, 2.6316, -4.0886



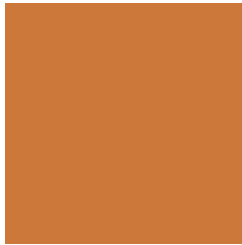
74.6890, 45.0163, -65.5023



17.2460, 10.2317, -15.1247

Previews

White Background



This preview shows how the YUV color 137.7490, -39.3163, 57.2251 looks on a white background.

Color Contrast Check

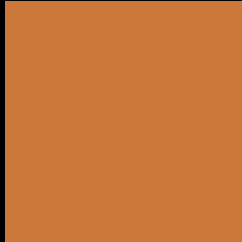
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.7490, -39.3163, 57.2251 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 137.7490, -39.3163, 57.2251 Background



This preview shows how black text looks on a background with the YUV color 137.7490, -39.3163, 57.2251.



This preview shows how white text looks on a background with the YUV color 137.7490, -39.3163,

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

137.7490, -39.3163, 57.2251

Protanopia

136.7070, -35.8446, 16.9200

Deuteranopia

137.4380, -41.1349, 33.8189



Tritanopia

142.0180, -10.3619, 56.9892

Trichromacy



Original Color

137.7490, -39.3163, 57.2251

Protanomaly

136.8660, -36.9089, 31.6895

Deuteranomaly

137.6070, -40.7253, 42.4407

Tritanomaly

140.8580, -21.1290, 57.1295

Monochromacy



Original Color

137.7490, -39.3163, 57.2251

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7610, -14.1792, 21.2576

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7490, -39.3163, 57.2251 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(203, 120, 58)` looks like.

```
.text, #text, p{  
    color:rgb(203, 120, 58)  
}
```

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(203, 120, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 120, 58) }
```

Border

The CSS property to change the border of an element to YUV 137.7490, -39.3163, 57.2251 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(203, 120, 58) }
```


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

```
.border{ border-color:rgb(203, 120, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 120, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 120, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 120, 58);  
box-shadow:4px 4px 4px 4px rgb(203, 120,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 137.7490, -39.3163, 57.2251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 120, 58) }
```

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

```
.background{ background-color: rgb(203,  
120, 58) }
```

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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