

Converting Colors

YUV(137.6450, -55.0410,
60.8243)

Have a look what the booklet for
YUV(137.6450, -55.0410, 60.8243)
contains.

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Color

**YUV(137.6450, -55.0410,
60.8243)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7C1A
RGB	207, 124, 26
RGB Percent	81%, 49%, 10%
CMY	0.1882, 0.5137, 0.8980
CMYK	0.00, 0.40, 0.87, 0.19
HSL	32°, 78%, 46%
HSV	32°, 87%, 81%
XYZ	33.1262, 27.7553, 4.5886
YIQ	137.6450, 80.9260, -12.8820

Conversions

Conversions Part 2

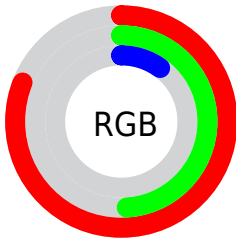
Format	Color
R_{YB}	179, 207, 26
Decimal	13597722
CIE Lab	59.67, 25.72, 60.86
CIE LCh	60, 66.072, 67.092
Yxy	27.7553, 0.5060, 0.4239
Android (android.graphics.Color)	4291787802 (0xFFCF7C1A)
YUV	137.6450, -55.0410, 60.8243
Hunter-Lab	52.6833, 20.0416, 31.7142

Details

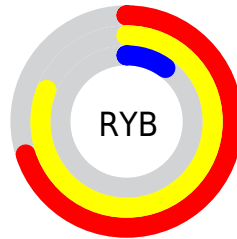
The YUV color **137.6450, -55.0410, 60.8243** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **95.3550, 55.0410, -60.8243**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.4920, -52.9936, 57.4505**, and **87.0920, -42.9364, 51.6623** is the 20% darker color. If you saturate the color by 10%, you get **129.9680, -61.6092, 67.5571**, and if you desaturate by 10%, it is **145.3220, -48.4727, 54.0916**.

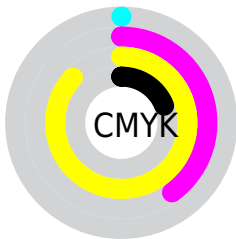
Distribution



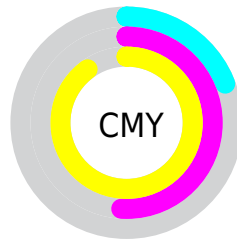
- Red (81%)
- Green (49%)
- Blue (10%)



- Red (70%)
- Yellow (81%)
- Blue (10%)



- Cyan (0%)
- Magenta (40%)
- Yellow (87%)
- Black (19%)



- Cyan (19%)
- Magenta (51%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.6450, -55.0410, 60.8243 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 137.6450, -55.0410, 60.8243 by changing the saturation by 10% instead.

137.6450,
-55.0410, 60.8243

137.6450,
-55.0410, 60.8243

255.0000, 0.0000,
0.0000

110.7370,
-54.5933, 57.2357

189.4920,
-52.9936, 57.4505

87.0920, -42.9364,
51.6623

208.3050,
-49.4504, 40.9515

64.9200, -32.0056,
45.6742

228.4060,
-46.0492, 23.3229

43.3350, -21.3642,
39.1712

244.3980,
-40.6222, 9.2980

20.8750, -10.2914,
34.3126

247.5900,
-28.3919, 6.4986

11.4760, -5.1647,
23.2615

250.8960,

0.0000, 0.0000,

-15.7247, 3.5992

0.0000

254.2020, -3.0576,
0.6998

137.6450,
-55.0410, 60.8243

137.6450,
-55.0410, 60.8243

129.9680,
-61.6092, 67.5571

145.3220,
-48.4727, 54.0916

127.6370,
-62.9250, 69.6014

153.4720,
-42.6307, 46.9441

161.1490,
-36.0625, 40.2113

169.4130,
-29.7836, 32.9638

177.0900,
-23.2154, 26.2311

■ 185.2400,
-17.3733, 19.0835

■ 192.9170,
-10.8051, 12.3508

■ 201.1810, -4.5262,
5.1033

■ 208.7440, 1.6052,
-1.5295

Harmonies

Analogous

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



138.3520, -30.2465, 88.2683



137.6450, -55.0410, 60.8243



132.6560, -65.3994, 23.1037

Triad

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



137.6450, -55.0410, 60.8243



118.1610, 18.6546, -103.6272



147.3690, 44.1881, 13.7084

Complementary

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



137.6450, -55.0410, 60.8243



95.3550, 55.0410, -60.8243

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.



114.7720, 69.1324, -100.6550



137.6450, -55.0410, 60.8243



123.4850, 44.1309, -108.2963

Square

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



137.6450, -55.0410, 60.8243



109.5600, -6.6851, -96.0841



123.7080, 62.7550, -108.4919



144.4010, 22.4803, 69.8083

Rectangle

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



137.6450, -55.0410, 60.8243



129.8460, -53.6611, -8.6349



123.7080, 62.7550, -108.4919



144.3380, 51.1054, -11.6974

Sweetspot

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



137.6450, -55.0410, 60.8243



229.8660, -20.1469, 22.0425



89.6950, 10.0104, 102.8765



112.2870, -11.9735, 13.7803



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.



137.6450, -55.0410, 60.8243



157.2510, -77.5247, 85.7259



184.5720, -78.1760, 14.4074



100.8110, -3.3578, 3.6738



103.6490, -51.0990, 56.4358



25.1730, -12.4103, 13.8803

Inverse Universe

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



95.3550, 55.0410, -60.8243



97.7490, 77.5247, -85.7259



48.4280, 78.1760, -14.4074



98.1890, 3.3578, -3.6738



64.3510, 51.0990, -56.4358



15.8270, 12.4103, -13.8803

Previews

White Background



This preview shows how the YUV color 137.6450, -55.0410, 60.8243 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 137.6450, -55.0410, 60.8243 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 137.6450, -55.0410, 60.8243

Background



This preview shows how black text looks on a background with the YUV color 137.6450, -55.0410, 60.8243.



This preview shows how white text looks on a background with the YUV color 137.6450, -55.0410, 60.8243.

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

137.6450, -55.0410, 60.8243

Protanopia

137.0870, -52.3009, 21.8487

Deuteranopia

136.6610, -59.4859, 39.7623



Tritanopia

145.3170, -10.5093, 57.6040

Trichromacy



Original Color

137.6450, -55.0410, 60.8243

Protanomaly

136.9470, -53.2179, 36.0035

Deuteranomaly

136.8730, -57.6184, 47.4694

Tritanomaly

142.6750, -26.9548, 59.0440

Monochromacy



Original Color

137.6450, -55.0410, 60.8243

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8660, -20.1469, 22.0425

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6450, -55.0410, 60.8243 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(207, 124, 26)` looks like.

```
.text, #text, p{  
    color:rgb(207, 124, 26)  
}
```

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(207, 124, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 124, 26) }
```

Border

The CSS property to change the border of an element to YUV 137.6450, -55.0410, 60.8243 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(207, 124, 26) }
```


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

```
.border{ border-color:rgb(207, 124, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 124, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 124, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 124, 26);  
box-shadow:4px 4px 4px 4px rgb(207, 124,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 137.6450, -55.0410, 60.8243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 124, 26) }
```

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

```
.background{ background-color: rgb(207,  
124, 26) }
```

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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