

Converting Colors

YUV(131.4070, -53.9377,
80.3271)

Have a look what the booklet for
YUV(131.4070, -53.9377, 80.3271)
contains.

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Color

**YUV(131.4070, -53.9377,
80.3271)**

Conversions

Conversions Part 1

Format	Color
Hex	DF6A16
RGB	223, 106, 22
RGB Percent	87%, 42%, 9%
CMY	0.1255, 0.5843, 0.9137
CMYK	0.00, 0.52, 0.90, 0.13
HSL	25°, 82%, 48%
HSV	25°, 90%, 87%
XYZ	35.7303, 26.0540, 3.9048
YIQ	131.4070, 96.6960, -1.3200

Conversions

Conversions Part 2

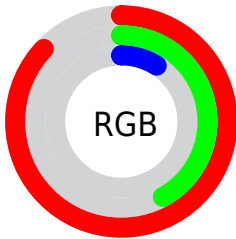
Format	Color
RYB	223, 166, 22
Decimal	14641686
CIELab	58.09, 41.51, 61.78
CIElCh	58, 74.435, 56.103
Yxy	26.0540, 0.5439, 0.3966
Android (android.graphics.Color)	4292831766 (0xFFDF6A16)
YUV	131.4070, -53.9377, 80.3271
Hunter-Lab	51.0431, 35.6250, 31.1945

Details

The YUV color **131.4070, -53.9377, 80.3271** 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 **113.5930, 53.9377, -80.3271**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3560, -49.9685, 67.2168**, and **80.1250, -39.5016, 70.0504** is the 20% darker color. If you saturate the color by 10%, you get **121.2680, -59.7851, 89.2190**, and if you desaturate by 10%, it is **141.5460, -48.0902, 71.4352**.

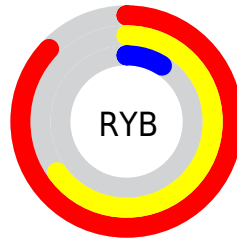
Distribution



Red (87%)

Green (42%)

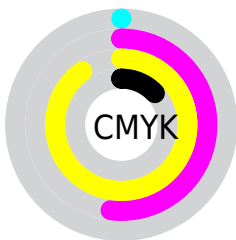
Blue (9%)



Red (87%)

Yellow (65%)

Blue (9%)

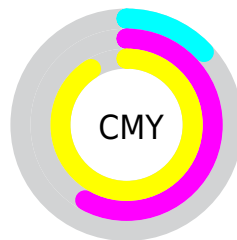


Cyan (0%)

Magenta (52%)

Yellow (90%)

Black (13%)



Cyan (13%)

Magenta (58%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.4070, -53.9377, 80.3271 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 131.4070, -53.9377, 80.3271 by changing the saturation by 10% instead.

131.4070,
-53.9377, 80.3271

131.4070,
-53.9377, 80.3271

255.0000, 0.0000,
0.0000

104.0690,
-51.3060, 76.2385

178.3560,
-49.9685, 67.2168

80.1250, -39.5016,
70.0504

197.7560,
-46.7147, 50.2030

55.3060, -27.2659,
65.5066

217.2700,
-43.0241, 33.0892

29.6010, -14.5933,
60.8629

237.3710,
-39.6229, 15.4606

20.9300, -10.3185,
43.0344

247.0200,
-30.5759, 6.9985

13.5690, -6.1965,
27.5650

250.2120,

0.0000, 0.0000,

-18.3455, 4.1991

0.0000

253.5180, -5.6784,
1.2997

131.4070,
-53.9377, 80.3271

131.4070,
-53.9377, 80.3271

121.2680,
-59.7851, 89.2190

141.5460,
-48.0902, 71.4352

151.7990,
-41.8059, 62.4433

161.9380,
-35.9584, 53.5514

172.0770,
-30.1110, 44.6595

182.3300,
-23.8267, 35.6676

■ 192.4690,
-17.9792, 26.7757

■ 202.6080,
-12.1317, 17.8838

■ 212.7470, -6.2843,
8.9919

■ 223.0000, 0.0000,
0.0000

Harmonies

Analogous

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



128.4050, -20.4127, 107.5158



131.4070, -53.9377, 80.3271



130.9830, -64.5746, 38.6029

Triad

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



131.4070, -53.9377, 80.3271



113.3220, 7.7293, -99.3834



137.7160, 57.8210, -19.0449

Complementary

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



131.4070, -53.9377, 80.3271



113.5930, 53.9377, -80.3271

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.



117.1200, 67.9748, -102.7142



131.4070, -53.9377, 80.3271



120.8460, 36.5579, -105.9819

Square

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



131.4070, -53.9377, 80.3271



102.6350, -20.5261, -90.0109



124.5400, 60.8658, -109.2216



140.7770, 35.6059, 59.8316

Rectangle

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



131.4070, -53.9377, 80.3271



126.6540, -62.4404, 7.3194



124.5400, 60.8658, -109.2216



122.9660, 65.0928, -64.8682

Sweetspot

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



131.4070, -53.9377, 80.3271



223.6540, -18.5634, 27.4904



95.4370, 21.4766, 111.8728



109.2380, -10.9633, 16.4543



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.



131.4070, -53.9377, 80.3271



139.0540, -68.5536, 101.6846



190.1070, -82.8768, 28.8472



107.2240, -3.0684, 4.1886



96.0620, -47.3586, 70.1056



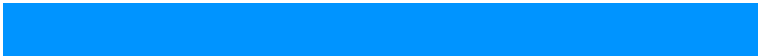
26.0920, -12.8634, 19.2133

Inverse Universe

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



113.5930, 53.9377, -80.3271



115.9460, 68.5536, -101.6846



54.8930, 82.8768, -28.8472



106.3630, 2.7790, -4.7034



79.9380, 47.3586, -70.1056



21.9080, 12.8634, -19.2133

Previews

White Background



This preview shows how the YUV color 131.4070, -53.9377, 80.3271 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 131.4070, -53.9377, 80.3271 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 131.4070, -53.9377, 80.3271

Background



This preview shows how black text looks on a background with the YUV color 131.4070, -53.9377, 80.3271.



This preview shows how white text looks on a background with the YUV color 131.4070, -53.9377, 80.3271.

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

131.4070, -53.9377, 80.3271

Protanopia

132.9560, -50.2643, 21.9636

Deuteranopia

130.9940, -64.5800, 40.3473



Tritanopia

137.6570, -16.0999, 77.4768

Trichromacy



Original Color

131.4070, -53.9377, 80.3271

Protanomaly

132.7460, -51.6398, 43.1958

Deuteranomaly

131.1190, -60.6977, 55.1466

Tritanomaly

135.6990, -29.9246, 78.3170

Monochromacy



Original Color

131.4070, -53.9377, 80.3271

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.0240, -19.7318, 28.9200

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.4070, -53.9377, 80.3271 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(223, 106, 22)` looks like.

```
.text, #text, p{  
    color:rgb(223, 106, 22)  
}
```

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(223, 106, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 106, 22) }
```

Border

The CSS property to change the border of an element to YUV 131.4070, -53.9377, 80.3271 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(223, 106, 22) }
```


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

```
.border{ border-color:rgb(223, 106, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 106, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 106, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 106, 22);  
box-shadow:4px 4px 4px 4px rgb(223, 106,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 131.4070, -53.9377, 80.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 106, 22) }
```

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

```
.background{ background-color: rgb(223,  
106, 22) }
```

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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