

Converting Colors

YUV(123.6570, -53.0749,
83.6158)

Have a look what the booklet for
YUV(123.6570, -53.0749, 83.6158)
contains.

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Color

**YUV(123.6570, -53.0749,
83.6158)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6010
RGB	219, 96, 16
RGB Percent	86%, 38%, 6%
CMY	0.1412, 0.6235, 0.9373
CMYK	0.00, 0.56, 0.93, 0.14
HSL	24°, 86%, 46%
HSV	24°, 93%, 86%
XYZ	33.4898, 23.4632, 3.2540
YIQ	123.6570, 98.9880, 1.1960

Conversions

Conversions Part 2

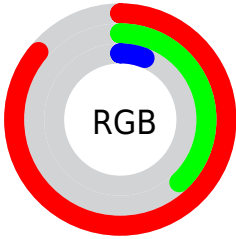
Format	Color
RYB	219, 148, 16
Decimal	14376976
CIELab	55.55, 44.76, 61.29
CIELCh	56, 75.896, 53.858
Yxy	23.4632, 0.5562, 0.3897
Android (android.graphics.Color)	4292567056 (0xFFDB6010)
YUV	123.6570, -53.0749, 83.6158
Hunter-Lab	48.4388, 38.6439, 29.9243

Details

The YUV color **123.6570, -53.0749, 83.6158** 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 **111.3430, 53.0749, -83.6158**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9160, -49.2586, 72.8647**, and **71.8850, -35.4393, 73.7689** is the 20% darker color. If you saturate the color by 10%, you get **115.9630, -57.1698, 90.3634**, and if you desaturate by 10%, it is **133.7960, -47.2274, 74.7239**.

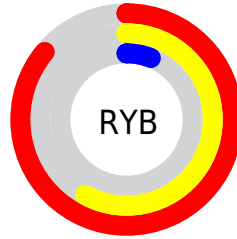
Distribution



Red (86%)

Green (38%)

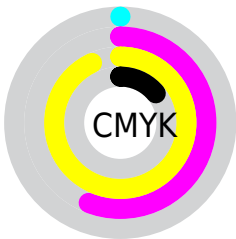
Blue (6%)



Red (86%)

Yellow (58%)

Blue (6%)

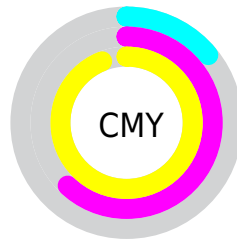


Cyan (0%)

Magenta (56%)

Yellow (93%)

Black (14%)



Cyan (14%)


Magenta (62%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.6570, -53.0749, 83.6158 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 123.6570, -53.0749, 83.6158 by changing the saturation by 10% instead.


 123.6570,
-53.0749, 83.6158


 123.6570,
-53.0749, 83.6158


255.0000, 0.0000,
0.0000


 97.0030, -47.8225,
78.9274


 171.9160,
-49.2586, 72.8647


 71.8850, -35.4393,
73.7689


 191.3160,
-46.0048, 55.8509

 44.4190, -21.8986,
70.6695


 210.8300,
-42.3142, 38.7371

 28.4050, -14.0037,
58.4038

 230.9310,
-38.9130, 21.1085

 19.7340, -9.7289,
40.5753

 246.3360,
-33.1966, 7.5983

 11.7750, -5.3121,
23.8763

 249.5280,

 0.0000, 0.0000,

-20.9663, 4.7989

0.0000

252.8340, -8.2992,
1.8996

123.6570,
-53.0749, 83.6158

123.6570,
-53.0749, 83.6158

115.9630,
-57.1698, 90.3634

133.7960,
-47.2274, 74.7239

144.5220,
-41.6693, 65.3172

154.6610,
-35.8219, 56.4253

164.8000,
-29.9744, 47.5334

174.9390,
-24.1269, 38.6415

■ 185.5510,
-19.0056, 29.3348

■ 195.6900,
-13.1582, 20.4429

■ 205.8290, -7.3107,
11.5510

■ 215.9680, -1.4632,
2.6591

Harmonies

Analogous

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



118.6380, -17.0765, 110.8195



123.6570, -53.0749, 83.6158



125.3900, -61.8173, 40.8770

Triad

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



123.6570, -53.0749, 83.6158



107.8450, 4.5134, -94.5801



129.0890, 62.0741, -29.8961

Complementary

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



123.6570, -53.0749, 83.6158



111.3430, 53.0749, -83.6158

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.



114.1850, 69.4218, -100.1402



123.6570, -53.0749, 83.6158



116.1840, 33.9263, -101.8934

Square

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



123.6570, -53.0749, 83.6158



96.9300, -24.6155, -85.0076



119.9920, 58.6709, -105.2330



134.4390, 38.2376, 55.7430

Rectangle

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



123.6570, -53.0749, 83.6158



121.9470, -60.1199, 9.6935



119.9920, 58.6709, -105.2330



105.9670, 73.4733, -92.9331

Sweetspot

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



123.6570, -53.0749, 83.6158



221.6650, -18.5688, 29.2348



90.9470, 24.6761, 112.3025



107.1350, -11.4056, 18.2986



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.



123.6570, -53.0749, 83.6158



134.9450, -66.5279, 105.2882



181.7700, -81.7246, 32.6507



104.6370, -2.7790, 4.7034



91.6430, -45.1800, 71.3501



24.3200, -11.9898, 19.0134

Inverse Universe

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



111.3430, 53.0749, -83.6158



120.0550, 66.5279, -105.2882



53.2300, 81.7246, -32.6507



103.7760, 3.0684, -4.1886



81.3570, 45.1800, -71.3501



21.6800, 11.9898, -19.0134

Previews

White Background



This preview shows how the YUV color 123.6570, -53.0749, 83.6158 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 123.6570, -53.0749, 83.6158 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 123.6570, -53.0749, 83.6158

Background



This preview shows how black text looks on a background with the YUV color 123.6570, -53.0749, 83.6158.



This preview shows how white text looks on a background with the YUV color 123.6570, -53.0749, 83.6158.

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

123.6570, -53.0749, 83.6158

Protanopia

126.5860, -49.0959, 20.5341

Deuteranopia

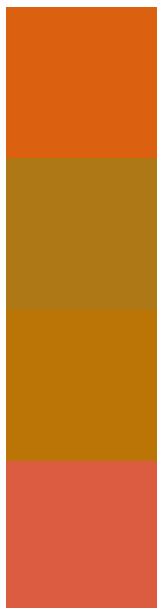
125.0800, -61.6644, 38.5178



Tritanopia

129.1520, -16.8369, 80.5507

Trichromacy



Original Color

123.6570, -53.0749, 83.6158

Protanomaly

125.3870, -50.4768, 43.5106

Deuteranomaly

124.6890, -58.5137, 54.6467

Tritanomaly

127.3080, -30.2248, 81.2909

Monochromacy



Original Color

123.6570, -53.0749, 83.6158

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.1490, -19.3005, 30.5643

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.6570, -53.0749, 83.6158 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(219, 96, 16)` looks like.

```
.text, #text, p{  
    color:rgb(219, 96, 16)  
}
```

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(219, 96, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 96, 16) }
```

Border

The CSS property to change the border of an element to YUV 123.6570, -53.0749, 83.6158 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(219, 96, 16) }
```


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

```
.border{ border-color:rgb(219, 96, 16) }
```

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

Here you see how a box with a 4 pixel rgb(219, 96, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 96, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 96, 16);  
box-shadow:4px 4px 4px 4px rgb(219, 96,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 123.6570, -53.0749, 83.6158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 96, 16) }
```

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

```
.background{ background-color: rgb(219, 96,  
16) }
```

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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