

Converting Colors

YUV(137.7590, -51.1532,
73.8794)

Have a look what the booklet for
YUV(137.7590, -51.1532, 73.8794)
contains.

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Color

**YUV(137.7590, -51.1532,
73.8794)**

Conversions

Conversions Part 1

Format	Color
Hex	DE7322
RGB	222, 115, 34
RGB Percent	87%, 45%, 13%
CMY	0.1294, 0.5490, 0.8667
CMYK	0.00, 0.48, 0.85, 0.13
HSL	26°, 74%, 50%
HSV	26°, 85%, 87%
XYZ	36.5437, 27.9066, 4.9738
YIQ	137.7590, 89.7730, -2.5070

Conversions

Conversions Part 2

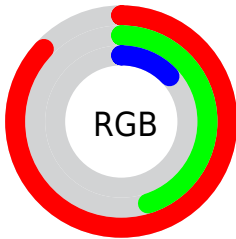
Format	Color
RYB	222, 176, 34
Decimal	14578466
CIELab	59.80, 36.83, 59.20
CIELCh	60, 69.725, 58.112
Yxy	27.9066, 0.5264, 0.4020
Android (android.graphics.Color)	4292768546 (0xFFDE7322)
YUV	137.7590, -51.1532, 73.8794
Hunter-Lab	52.8267, 31.0335, 31.3963

Details

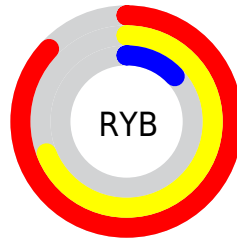
The YUV color **137.7590, -51.1532, 73.8794** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **118.2410, 51.1532, -73.8794**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.7790, -48.2050, 61.5838**, and **85.4080, -42.1061, 65.4172** is the 20% darker color. If you saturate the color by 10%, you get **127.6200, -57.0007, 82.7713**, and if you desaturate by 10%, it is **147.8980, -45.3057, 64.9875**.

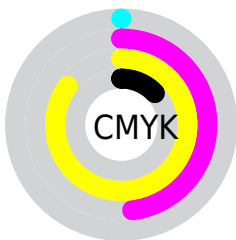
Distribution



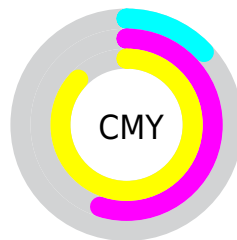
- Red (87%)
- Green (45%)
- Blue (13%)



- Red (87%)
- Yellow (69%)
- Blue (13%)



- Cyan (0%)
- Magenta (48%)
- Yellow (85%)
- Black (13%)



- Cyan (13%)
- Magenta (55%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7590, -51.1532, 73.8794 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 137.7590, -51.1532, 73.8794 by changing the saturation by 10% instead.

137.7590,
-51.1532, 73.8794

137.7590,
-51.1532, 73.8794

255.0000, 0.0000,
0.0000

109.3520,
-53.9105, 71.6053

184.7790,
-48.2050, 61.5838

85.4080, -42.1061,
65.4172

204.1790,
-44.9512, 44.5700

62.3500, -30.7385,
59.3291

223.6930,
-41.2606, 27.4562

36.9440, -18.2134,
55.3001

243.7940,
-37.8594, 9.8277

21.2290, -10.4659,
43.6492

248.1600,
-26.2079, 5.9987

14.2810, -6.0545,
28.6946

251.3520,

0.0000, 0.0000,

-13.9775, 3.1993

0.0000

254.6580, -1.3104,
0.2999

■ 137.7590,
-51.1532, 73.8794

■ 137.7590,
-51.1532, 73.8794

■ 127.6200,
-57.0007, 82.7713

■ 147.8980,
-45.3057, 64.9875

■ 122.7300,
-60.5059, 87.0598

■ 157.4500,
-39.1688, 56.6104

■ 167.7030,
-32.8846, 47.6185

■ 177.8420,
-27.0371, 38.7266

■ 187.3940,
-20.9002, 30.3495

■ 197.5330,
-15.0528, 21.4576

■ 207.0850, -8.9159,
13.0805

■ 217.3380, -2.6316,
4.0886

■ 227.4770, 3.2158,
-4.8033

Harmonies

Analogous

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



136.3670, -22.8589, 98.7791



137.7590, -51.1532, 73.8794



134.8040, -66.4584, 36.1289

Triad

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



137.7590, -51.1532, 73.8794



116.6960, 10.5029, -102.3424



144.3320, 53.5733, -9.9382

Complementary

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



137.7590, -51.1532, 73.8794



118.2410, 51.1532, -73.8794

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.



118.8810, 67.1067, -104.2586



137.7590, -51.1532, 73.8794



123.7640, 37.5843, -108.5410

Square

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



137.7590, -51.1532, 73.8794



106.5790, -15.5684, -93.4698



125.7140, 60.2870, -110.2512



146.3270, 31.3908, 58.4722

Rectangle

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



137.7590, -51.1532, 73.8794



130.4860, -64.3296, 6.5898



125.7140, 60.2870, -110.2512



136.0890, 58.6231, -43.0511

Sweetspot

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



137.7590, -51.1532, 73.8794



226.5720, -17.5370, 24.9314



102.7520, 20.3353, 104.5805



110.6400, -10.6685, 15.2247



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.



137.7590, -51.1532, 73.8794



140.8150, -69.4218, 100.1402



191.1760, -77.4878, 27.0326



107.2240, -3.0684, 4.1886



97.2360, -47.9373, 69.0760



26.6790, -13.1527, 18.6985

Inverse Universe

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



118.2410, 51.1532, -73.8794



114.1850, 69.4218, -100.1402



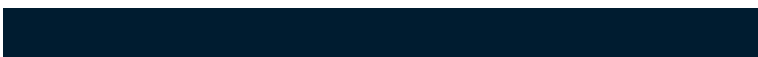
64.8240, 77.4878, -27.0326



105.7760, 3.0684, -4.1886



78.7640, 47.9373, -69.0760



21.9080, 12.8634, -19.2133

Previews

White Background



This preview shows how the YUV color 137.7590, -51.1532, 73.8794 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 137.7590, -51.1532, 73.8794 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 137.7590, -51.1532, 73.8794 Background



This preview shows how black text looks on a background with the YUV color 137.7590, -51.1532, 73.8794.



This preview shows how white text looks on a background with the YUV color 137.7590, -51.1532, 73.8794.

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

137.7590, -51.1532, 73.8794

Protanopia

138.3410, -47.4961, 20.7489

Deuteranopia

137.6440, -57.0125, 39.7772



Tritanopia

143.1940, -13.8996, 71.7439

Trichromacy



Original Color

137.7590, -51.1532, 73.8794

Protanomaly

138.1200, -48.8662, 40.2368

Deuteranomaly

137.5900, -55.0139, 52.1026

Tritanomaly

141.3500, -27.2875, 72.4841

Monochromacy



Original Color

137.7590, -51.1532, 73.8794

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.2410, -18.8528, 26.9756

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7590, -51.1532, 73.8794 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(222, 115, 34)` looks like.

```
.text, #text, p{  
    color:rgb(222, 115, 34)  
}
```

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(222, 115, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 115, 34) }
```

Border

The CSS property to change the border of an element to YUV 137.7590, -51.1532, 73.8794 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(222, 115, 34) }
```


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

```
.border{ border-color:rgb(222, 115, 34) }
```

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

Here you see how a box with a 4 pixel rgb(222, 115, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 115, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 115, 34);  
box-shadow:4px 4px 4px 4px rgb(222, 115,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 137.7590, -51.1532, 73.8794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 115, 34) }
```

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

```
.background{ background-color: rgb(222,  
115, 34) }
```

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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