

Converting Colors

YUV(140.3170, -50.9353,
50.5880)

Have a look what the booklet for
YUV(140.3170, -50.9353, 50.5880)
contains.

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Color

**YUV(140.3170, -50.9353,
50.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	C68325
RGB	198, 131, 37
RGB Percent	78%, 51%, 15%
CMY	0.2235, 0.4863, 0.8549
CMYK	0.00, 0.34, 0.81, 0.22
HSL	35°, 69%, 46%
HSV	35°, 81%, 78%
XYZ	31.7389, 28.3719, 5.5538
YIQ	140.3170, 70.1060, -15.0300

Conversions

Conversions Part 2

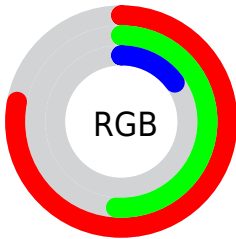
Format	Color
RYB	152, 198, 37
Decimal	13009701
CIELab	60.22, 18.34, 57.25
CIElCh	60, 60.113, 72.238
Yxy	28.3719, 0.4833, 0.4321
Android (android.graphics.Color)	4291199781 (0xFFC68325)
YUV	140.3170, -50.9353, 50.5880
Hunter-Lab	53.2653, 13.1476, 31.1038

Details

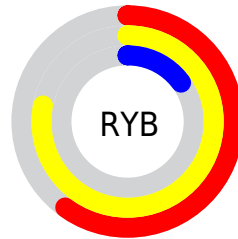
The YUV color **140.3170, -50.9353, 50.5880** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **94.6830, 50.9353, -50.5880**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.5130, -51.5249, 53.0471**, and **89.6950, -44.2196, 43.2405** is the 20% darker color. If you saturate the color by 10%, you get **133.3410, -57.3561, 56.7059**, and if you desaturate by 10%, it is **147.2930, -44.5144, 44.4700**.

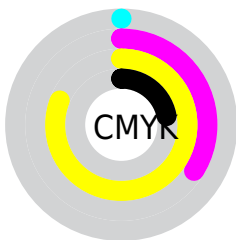
Distribution



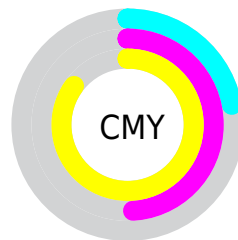
- Red (78%)
- Green (51%)
- Blue (15%)



- Red (60%)
- Yellow (78%)
- Blue (15%)



- Cyan (0%)
- Magenta (34%)
- Yellow (81%)
- Black (22%)



- Cyan (22%)
- Magenta (49%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.3170, -50.9353, 50.5880 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 140.3170, -50.9353, 50.5880 by changing the saturation by 10% instead.

■ 140.3170,
-50.9353, 50.5880

■ 140.3170,
-50.9353, 50.5880

■ 255.0000, 0.0000,
0.0000

■ 112.6820,
-54.5662, 48.5139

■ 194.5130,
-51.5249, 53.0471

■ 89.6950, -44.2196,
43.2405

■ 213.9130,
-48.2711, 36.0333

■ 66.9360, -32.9994,
37.7671

■ 233.4270,
-44.5805, 18.9195

■ 45.6500, -22.5054,
31.8789

■ 245.4240,
-36.6910, 8.3982

■ 25.2500, -12.4482,
26.0907

■ 248.6160,
-24.4607, 5.5988

■ 9.9810, -4.4276,
20.1877

■ 251.8080,

■ 0.0000, 0.0000,

-12.2303, 2.7994

0.0000

■ 140.3170,
-50.9353, 50.5880

■ 140.3170,
-50.9353, 50.5880

■ 133.3410,
-57.3561, 56.7059

■ 147.2930,
-44.5144, 44.4700

■ 127.2940,
-62.7559, 62.0092

■ 154.2690,
-38.0936, 38.3521

■ 161.7180,
-32.3990, 31.8193

■ 168.6940,
-25.9781, 25.7014

■ 175.6700,
-19.5573, 19.5834

■ 182.6460,
-13.1365, 13.4655

■ 190.2090, -7.0050,
6.8327

■ 197.0710, -1.0210,
0.8147

■ 204.0470, 5.3998,
-5.3032

Harmonies

Analogous

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



141.4170, -32.2506, 77.6873



140.3170, -50.9353, 50.5880



135.9890, -53.7316, 14.0416

Triad

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



140.3170, -50.9353, 50.5880



118.7140, 23.3120, -104.1122



149.7740, 36.5934, 23.0002

Complementary

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



140.3170, -50.9353, 50.5880



94.6830, 50.9353, -50.5880

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.



136.2360, 55.5927, -51.0730



140.3170, -50.9353, 50.5880



123.1260, 45.2939, -107.9815

Square

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



140.3170, -50.9353, 50.5880



111.2700, -0.1331, -97.5838



121.9640, 61.1497, -106.9624



146.3810, 16.0812, 68.9489

Rectangle

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



140.3170, -50.9353, 50.5880



132.4890, -42.1461, -15.3379



121.9640, 61.1497, -106.9624



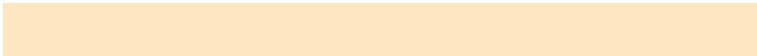
147.6620, 43.0576, 2.9274

Sweetspot

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



140.3170, -50.9353, 50.5880



233.3710, -19.4099, 18.9686



92.7770, 5.5329, 92.2806



114.3900, -11.5313, 11.9360



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.



140.3170, -50.9353, 50.5880



165.4520, -79.1028, 78.5336



175.7590, -68.4082, 8.1044



95.6260, -2.7736, 2.9590



104.5020, -51.5195, 51.3027



23.0910, -11.3839, 11.3212

Inverse Universe

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



94.6830, 50.9353, -50.5880



94.5480, 79.1028, -78.5336



59.2410, 68.4082, -8.1044



93.3740, 2.7736, -2.9590



58.4980, 51.5195, -51.3027



12.9090, 11.3839, -11.3212

Previews

White Background



This preview shows how the YUV color 140.3170, -50.9353, 50.5880 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 140.3170, -50.9353, 50.5880 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 140.3170, -50.9353, 50.5880

Background



This preview shows how black text looks on a background with the YUV color 140.3170, -50.9353, 50.5880.



This preview shows how white text looks on a background with the YUV color 140.3170, -50.9353, 50.5880.

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

140.3170, -50.9353, 50.5880

Protanopia

139.1130, -48.3697, 20.9489

Deuteranopia

139.5990, -52.0603, 38.0627



Tritanopia

147.2450, -8.0088, 48.8971

Trichromacy



Original Color

140.3170, -50.9353, 50.5880

Protanomaly

139.9510, -49.2758, 31.6150

Deuteranomaly

139.4470, -51.4924, 42.5810

Tritanomaly

144.5320, -23.4333, 49.5224

Monochromacy



Original Color

140.3170, -50.9353, 50.5880

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.3000, -18.3889, 18.1539

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.3170, -50.9353, 50.5880 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(198, 131, 37)` looks like.

```
.text, #text, p{  
    color:rgb(198, 131, 37)  
}
```

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(198, 131, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 131, 37) }
```

Border

The CSS property to change the border of an element to YUV 140.3170, -50.9353, 50.5880 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(198, 131, 37) }
```


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

```
.border{ border-color:rgb(198, 131, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 131, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 131, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 131, 37);  
box-shadow:4px 4px 4px 4px rgb(198, 131,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 140.3170, -50.9353, 50.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 131, 37) }
```

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

```
.background{ background-color: rgb(198,  
131, 37) }
```

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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