

Converting Colors

YUV(131.3250, -39.6002,
54.9660)

Have a look what the booklet for
YUV(131.3250, -39.6002, 54.9660)
contains.

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Color

**YUV(131.3250, -39.6002,
54.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	C27333
RGB	194, 115, 51
RGB Percent	76%, 45%, 20%
CMY	0.2392, 0.5490, 0.8000
CMYK	0.00, 0.41, 0.74, 0.24
HSL	27°, 58%, 48%
HSV	27°, 74%, 76%
XYZ	28.9764, 23.9698, 6.2314
YIQ	131.3250, 67.6280, -3.1560

Conversions

Conversions Part 2

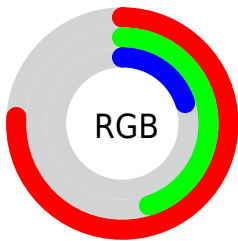
Format	Color
RYB	194, 167, 51
Decimal	12743475
CIELab	56.06, 25.92, 47.16
CIELCh	56, 53.818, 61.205
Yxy	23.9698, 0.4897, 0.4050
Android (android.graphics.Color)	4290933555 (0xFFC27333)
YUV	131.3250, -39.6002, 54.9660
Hunter-Lab	48.9590, 19.9671, 26.7250

Details

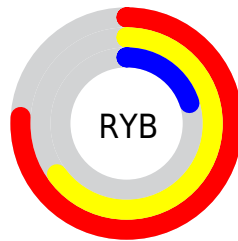
The YUV color **131.3250, -39.6002, 54.9660** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **113.6750, 39.6002, -54.9660**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.7880, -41.8005, 60.6989**, and **79.1070, -38.9998, 49.0182** is the 20% darker color. If you saturate the color by 10%, you get **122.7020, -44.7161, 62.5283**, and if you desaturate by 10%, it is **139.9480, -34.4844, 47.4036**.

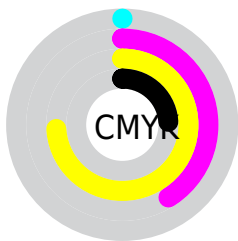
Distribution



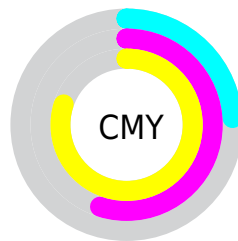
- Red (76%)
- Green (45%)
- Blue (20%)



- Red (76%)
- Yellow (65%)
- Blue (20%)



- Cyan (0%)
- Magenta (41%)
- Yellow (74%)
- Black (24%)



- Cyan (24%)
- Magenta (55%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.3250, -39.6002, 54.9660 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 131.3250, -39.6002, 54.9660 by changing the saturation by 10% instead.

■ 131.3250,
-39.6002, 54.9660

■ 131.3250,
-39.6002, 54.9660

■ 255.0000, 0.0000,
0.0000

■ 104.8300,
-38.8632, 51.8921

■ 185.7880,
-41.8005, 60.6989

■ 79.1070, -38.9998,
49.0182

■ 205.1880,
-38.5467, 43.6851

■ 57.2340, -28.2164,
43.6448

■ 224.5880,
-35.2929, 26.6713

■ 35.0620, -17.2856,
37.6566

■ 244.8030,
-31.4549, 8.9428

■ 15.2490, -7.5178,
31.3536

■ 249.7560,
-20.0927, 4.5990

■ 5.9800, -2.9481,
12.2955

■ 252.9480, -7.8624,

■ 0.0000, 0.0000,

1.7996

0.0000

■ 131.3250,
-39.6002, 54.9660

■ 131.3250,
-39.6002, 54.9660

■ 122.7020,
-44.7161, 62.5283

■ 139.9480,
-34.4844, 47.4036

■ 114.5520,
-50.5581, 69.6759

■ 148.0980,
-28.6423, 40.2561

■ 109.0750,
-53.7740, 74.4792

■ 156.7210,
-23.5265, 32.6937

■ 165.4580,
-17.9738, 25.0313

■ 174.0810,
-12.8579, 17.4690

■ 182.1170, -7.4527,
10.4214

■ 190.8540, -1.9000,
2.7590

■ 199.4770, 3.2158,
-4.8033

■ 207.6270, 9.0579,
-11.9509

Harmonies

Analogous

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



131.6690, -21.0358, 73.9583



131.3250, -39.6002, 54.9660



128.5480, -48.0912, 24.9524

Triad

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



131.3250, -39.6002, 54.9660



107.5490, 13.5333, -94.3205



136.5000, 38.7005, 0.4385

Complementary

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



131.3250, -39.6002, 54.9660



113.6750, 39.6002, -54.9660

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.



107.5850, 59.3646, -94.3520



131.3250, -39.6002, 54.9660



112.3200, 34.3522, -98.5046

Square

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



131.3250, -39.6002, 54.9660



110.4930, -11.5820, -65.3304



113.2610, 50.6503, -99.3299



137.2150, 21.0930, 48.0464

Rectangle

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



131.3250, -39.6002, 54.9660



125.7730, -42.7791, 1.0761



113.2610, 50.6503, -99.3299



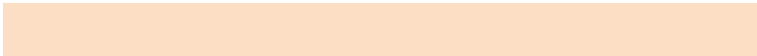
133.6330, 43.5649, -19.8491

Sweetspot

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



131.3250, -39.6002, 54.9660



228.1200, -15.3422, 20.9428



102.9910, 14.3014, 79.8149



112.9710, -9.3527, 13.1804



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.



131.3250, -39.6002, 54.9660



155.0780, -61.6635, 85.0006



171.8280, -59.5682, 19.4448



92.9250, -2.9210, 3.5738



90.4030, -44.5687, 61.9136



18.6720, -9.2053, 12.5657

Inverse Universe

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



113.6750, 39.6002, -54.9660



127.5090, 61.3741, -85.5154



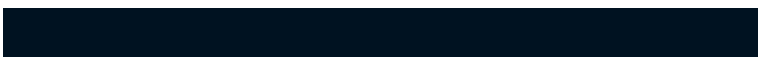
73.1720, 59.5682, -19.4448



91.6620, 2.6316, -4.0886



70.5970, 44.5687, -61.9136



14.3280, 9.2053, -12.5657

Previews

White Background



This preview shows how the YUV color 131.3250, -39.6002, 54.9660 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 131.3250, -39.6002, 54.9660 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 131.3250, -39.6002, 54.9660

Background



This preview shows how black text looks on a background with the YUV color 131.3250, -39.6002, 54.9660.



This preview shows how white text looks on a background with the YUV color 131.3250, -39.6002, 54.9660.

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

131.3250, -39.6002, 54.9660

Protanopia

130.5930, -36.2813, 17.0199

Deuteranopia

130.7260, -41.2769, 32.6893



Tritanopia

135.8220, -9.7722, 54.5301

Trichromacy



Original Color

131.3250, -39.6002, 54.9660

Protanomaly

131.0400, -37.4877, 30.6599

Deuteranomaly

130.5960, -40.7198, 40.6963

Tritanomaly

134.5480, -20.9762, 54.7704

Monochromacy



Original Color

131.3250, -39.6002, 54.9660

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.0490, -14.3212, 20.1280

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.3250, -39.6002, 54.9660 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(194, 115, 51)` looks like.

```
.text, #text, p{  
    color:rgb(194, 115, 51)  
}
```

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(194, 115, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 115, 51) }
```

Border

The CSS property to change the border of an element to YUV 131.3250, -39.6002, 54.9660 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(194, 115, 51) }
```


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

```
.border{ border-color:rgb(194, 115, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 115, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 115, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 115, 51);  
box-shadow:4px 4px 4px 4px rgb(194, 115,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 131.3250, -39.6002, 54.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 115, 51) }
```

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

```
.background{ background-color: rgb(194,  
115, 51) }
```

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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