

Converting Colors

YUV(162.5840, -39.2349,
31.0598)

Have a look what the booklet for
YUV(162.5840, -39.2349, 31.0598)
contains.

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Color

**YUV(162.5840, -39.2349,
31.0598)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A053
RGB	198, 160, 83
RGB Percent	78%, 63%, 33%
CMY	0.2235, 0.3725, 0.6745
CMYK	0.00, 0.19, 0.58, 0.22
HSL	40°, 50%, 55%
HSV	40°, 58%, 78%
XYZ	37.4208, 37.7719, 13.5020
YIQ	162.5840, 47.3650, -15.8910

Conversions

Conversions Part 2

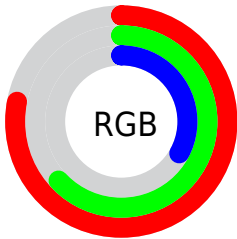
Format	Color
RYB	140, 198, 83
Decimal	13017171
CIELab	67.85, 5.03, 44.84
CIELCh	68, 45.120, 83.600
Yxy	37.7719, 0.4219, 0.4259
Android (android.graphics.Color)	4291207251 (0xFFC6A053)
YUV	162.5840, -39.2349, 31.0598
Hunter-Lab	61.4589, 1.1314, 29.9957

Details

The YUV color **162.5840, -39.2349, 31.0598** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **118.4160, 39.2349, -31.0598**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.8400, -40.8401, 32.5893**, and **109.9040, -37.9137, 27.2712** is the 20% darker color. If you saturate the color by 10%, you get **156.1950, -45.9451, 36.6630**, and if you desaturate by 10%, it is **168.9730, -32.5247, 25.4567**.

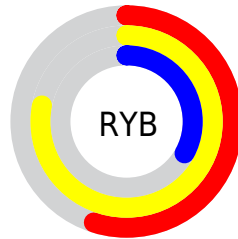
Distribution



Red (78%)

Green (63%)

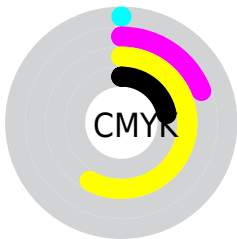
Blue (33%)



Red (55%)

Yellow (78%)

Blue (33%)

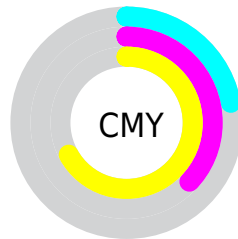


Cyan (0%)

Magenta (19%)

Yellow (58%)

Black (22%)



Cyan (22%)

Magenta (37%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.5840, -39.2349, 31.0598 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 162.5840, -39.2349, 31.0598 by changing the saturation by 10% instead.

■ 162.5840,
-39.2349, 31.0598

■ 162.5840,
-39.2349, 31.0598

■ 255.0000, 0.0000,
0.0000

■ 135.8010,
-38.3559, 29.1155

■ 217.8400,
-40.8401, 32.5893

■ 109.9040,
-37.9137, 27.2712

■ 237.2400,
-37.5863, 15.5755

■ 84.4370, -39.6554,
25.9268

■ 247.4760,
-28.8287, 6.5985

■ 62.4070, -30.7667,
21.5681

■ 250.6680,
-16.5983, 3.7992

■ 41.7190, -20.5675,
16.9094

■ 253.9740, -3.9312,
0.8998

■ 22.5040, -11.0945,
11.8360

■ 0.0000, 0.0000,

0.0000

■ 162.5840,
-39.2349, 31.0598

■ 162.5840,
-39.2349, 31.0598

■ 156.1950,
-45.9451, 36.6630

■ 168.9730,
-32.5247, 25.4567

■ 150.3930,
-52.9447, 41.7513

■ 174.7750,
-25.5251, 20.3683

■ 144.1180,
-59.2182, 47.2545

■ 181.0500,
-19.2516, 14.8652

■ 138.3160,
-66.2178, 52.3429

■ 186.8520,
-12.2520, 9.7768

■ 137.2730,
-67.6756, 53.2576

■ 193.2410, -5.5418,
4.1736

■ 199.0430, 1.4578,
-0.9147

■ 205.4320, 8.1680,
-6.5179

■ 211.1200, 14.7308,
-11.5062

■ 216.8250, 18.8203,
-16.5095

Harmonies

Analogous

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



164.8010, -31.4539, 55.4255



162.5840, -39.2349, 31.0598



158.8250, -34.9167, -0.7235

Triad

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



162.5840, -39.2349, 31.0598



131.6400, 32.2225, -115.4483



170.5290, 21.4312, 32.8621

Complementary

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



162.5840, -39.2349, 31.0598



118.4160, 39.2349, -31.0598

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.



166.4510, 36.2597, -10.0425



162.5840, -39.2349, 31.0598



133.0540, 47.7944, -116.6884

Square

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



162.5840, -39.2349, 31.0598



137.3170, 8.7177, -89.7320



152.0310, 46.3267, -65.8022



168.9980, 3.4520, 59.6378

Rectangle

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



162.5840, -39.2349, 31.0598



154.9020, -25.0947, -24.4701



152.0310, 46.3267, -65.8022



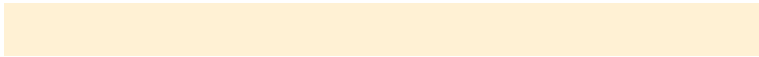
170.2330, 27.0001, 19.9667

Sweetspot

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



162.5840, -39.2349, 31.0598



241.8800, -14.7308, 11.5062



121.7170, -0.3535, 66.9002



119.7530, -8.7522, 7.2326



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.



162.5840, -39.2349, 31.0598



200.0750, -60.6760, 48.1692



179.2090, -47.4310, -0.1833



96.2130, -3.0630, 2.4442



112.7200, -55.5710, 44.0956



24.8520, -12.2520, 9.7768

Inverse Universe

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



118.4160, 39.2349, -31.0598



131.3380, 60.9654, -47.6544



101.7910, 47.4310, 0.1833



92.7870, 3.0630, -2.4442



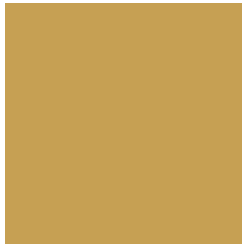
50.2800, 55.5710, -44.0956



11.1480, 12.2520, -9.7768

Previews

White Background



This preview shows how the YUV color 162.5840, -39.2349, 31.0598 looks on a white background.

Color Contrast Check

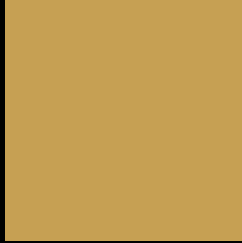
Large Text (above 18pt) WCAG AA × Fail

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 162.5840, -39.2349, 31.0598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

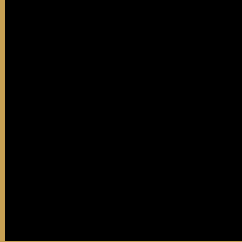
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 162.5840, -39.2349, 31.0598

Background



This preview shows how black text looks on a background with the YUV color 162.5840, -39.2349, 31.0598.

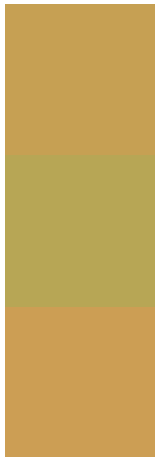


This preview shows how white text looks on a background with the YUV color 162.5840, -39.2349,

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

162.5840, -39.2349, 31.0598

Protanopia

161.8490, -37.8866, 18.5494

Deuteranopia

163.3180, -39.1038, 35.6781



Tritanopia

168.5140, -2.7184, 31.9982

Trichromacy



Original Color

162.5840, -39.2349, 31.0598

Protanomaly

162.0560, -38.4816, 22.7529

Deuteranomaly

163.3070, -39.0984, 33.9338

Tritanomaly

166.0720, -15.8115, 31.5089

Monochromacy



Original Color

162.5840, -39.2349, 31.0598

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9940, -14.2940, 11.4063

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.5840, -39.2349, 31.0598 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, 160, 83)` looks like.

```
.text, #text, p{  
    color:rgb(198, 160, 83)  
}
```

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, 160, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 160, 83) }
```

Border

The CSS property to change the border of an element to YUV 162.5840, -39.2349, 31.0598 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, 160, 83) }
```


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

```
.border{ border-color:rgb(198, 160, 83) }
```

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

Here you see how a box with a 4 pixel rgb(198, 160, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 160, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 160, 83);  
box-shadow:4px 4px 4px 4px rgb(198, 160,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 162.5840, -39.2349, 31.0598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 160, 83) }
```

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

```
.background{ background-color: rgb(198,  
160, 83) }
```

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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