

Converting Colors

YUV(160.5870, -63.8864,
51.2282)

Have a look what the booklet for
YUV(160.5870, -63.8864, 51.2282)
contains.

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Color

**YUV(160.5870, -63.8864,
51.2282)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9C1F
RGB	219, 156, 31
RGB Percent	86%, 61%, 12%
CMY	0.1412, 0.3882, 0.8784
CMYK	0.00, 0.29, 0.86, 0.14
HSL	40°, 75%, 49%
HSV	40°, 86%, 86%
XYZ	41.3492, 38.9359, 6.6324
YIQ	160.5870, 77.6730, -25.5190

Conversions

Conversions Part 2

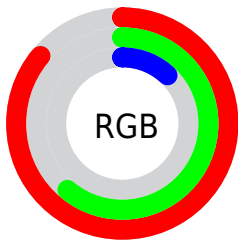
Format	Color
RYB	126, 219, 31
Decimal	14392351
CIELab	68.70, 13.75, 67.35
CIELCh	69, 68.740, 78.458
Yxy	38.9359, 0.4757, 0.4480
Android (android.graphics.Color)	4292582431 (0xFFDB9C1F)
YUV	160.5870, -63.8864, 51.2282
Hunter-Lab	62.3987, 9.0875, 37.3771

Details

The YUV color **160.5870, -63.8864, 51.2282** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **89.4130, 63.8864, -51.2282**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.7750, -59.0491, 39.6623**, and **109.1760, -53.8238, 43.6956** is the 20% darker color. If you saturate the color by 10%, you get **153.9700, -71.4702, 57.0313**, and if you desaturate by 10%, it is **167.2040, -56.3026, 45.4251**.

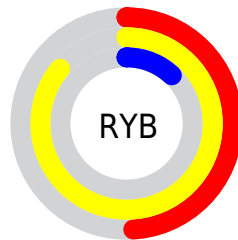
Distribution



Red (86%)

Green (61%)

Blue (12%)



Red (49%)

Yellow (86%)

Blue (12%)

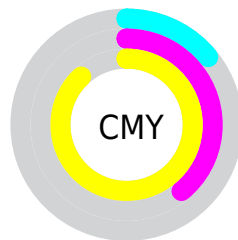


Cyan (0%)

Magenta (29%)

Yellow (86%)

Black (14%)



Cyan (14%)

Magenta (39%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.5870, -63.8864, 51.2282 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 160.5870, -63.8864, 51.2282 by changing the saturation by 10% instead.

160.5870,
-63.8864, 51.2282

160.5870,
-63.8864, 51.2282

255.0000, 0.0000,
0.0000

132.8210,
-65.4808, 49.2690

209.7750,
-59.0491, 39.6623

109.1760,
-53.8238, 43.6956

229.8760,
-55.6479, 22.0337

86.4170, -42.6036,
38.2223

242.3460,
-48.4846, 11.0976

64.2450, -31.6728,
32.2341

245.5380,
-36.2542, 8.2982

43.5460, -21.4682,
25.8312

248.8440,
-23.5871, 5.3988

23.4450, -11.5584,
20.6577

252.1500,

5.6810, -2.8007,

-10.9200, 2.4994

11.6808

■ 0.0000, 0.0000,
0.0000

■ 160.5870,
-63.8864, 51.2282

■ 160.5870,
-63.8864, 51.2282

■ 153.9700,
-71.4702, 57.0313

■ 167.2040,
-56.3026, 45.4251

■ 151.1830,
-74.5332, 59.4755

■ 174.4080,
-49.0081, 39.1072

■ 181.0250,
-41.4243, 33.3041

■ 187.6420,
-33.8405, 27.5010

■ 194.8460,
-26.5461, 21.1831

■ 201.3490,
-19.3991, 15.4799

■ 207.9660,
-11.8152, 9.6768

■ 215.1700, -4.5208,
3.3589

■ 221.7870, 3.0630,
-2.4442

Harmonies

Analogous

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



161.2190, -42.0130, 82.2459



160.5870, -63.8864, 51.2282



155.2840, -61.2720, 5.8899

Triad

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



160.5870, -63.8864, 51.2282



139.0090, 32.5336, -121.9109



172.7530, 38.5758, 40.5586

Complementary

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



160.5870, -63.8864, 51.2282



89.4130, 63.8864, -51.2282

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.



159.4570, 47.1027, -34.6038



160.5870, -63.8864, 51.2282



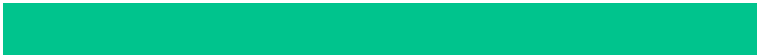
142.3610, 55.5310, -124.8506

Square

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



160.5870, -63.8864, 51.2282



131.1260, 4.8679, -114.9975



135.9040, 58.7143, -119.1878



163.5180, 15.0276, 80.2297

Rectangle

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



160.5870, -63.8864, 51.2282



150.3470, -43.5551, -30.1223



135.9040, 58.7143, -119.1878



170.7180, 41.5510, 19.5413

Sweetspot

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



160.5870, -63.8864, 51.2282



234.5620, -22.4621, 17.9241



94.7360, 1.1162, 108.9795



115.2220, -13.4204, 11.2063



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.



160.5870, -63.8864, 51.2282



176.0350, -86.7853, 69.2523



189.1960, -77.9906, 1.5821



106.3980, -3.6472, 3.1590



119.2320, -58.7814, 47.1545



31.9510, -15.7518, 12.3210

Inverse Universe

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



89.4130, 63.8864, -51.2282



78.9650, 86.7853, -69.2523



60.8040, 77.9906, -1.5821



102.0150, 3.9366, -2.6442



53.7680, 58.7814, -47.1545



14.0490, 15.7518, -12.3210

Previews

White Background



This preview shows how the YUV color 160.5870, -63.8864, 51.2282 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 160.5870, -63.8864, 51.2282 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 160.5870, -63.8864, 51.2282

Background



This preview shows how black text looks on a background with the YUV color 160.5870, -63.8864, 51.2282.



This preview shows how white text looks on a background with the YUV color 160.5870, -63.8864, 51.2282.

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

160.5870, -63.8864, 51.2282

Protanopia

159.0030, -61.6265, 26.3074

Deuteranopia

160.0270, -64.5963, 45.5803



Tritanopia

170.4730, -7.1352, 48.6972

Trichromacy



Original Color

160.5870, -63.8864, 51.2282

Protanomaly

159.8300, -62.5272, 35.2291

Deuteranomaly

160.4510, -64.3123, 47.8395

Tritanomaly

166.7940, -27.5064, 49.2927

Monochromacy



Original Color

160.5870, -63.8864, 51.2282

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.7470, -23.0463, 18.6389

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.5870, -63.8864, 51.2282 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, 156, 31)` looks like.

```
.text, #text, p{  
    color:rgb(219, 156, 31)  
}
```

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, 156, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 156, 31) }
```

Border

The CSS property to change the border of an element to YUV 160.5870, -63.8864, 51.2282 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, 156, 31) }
```


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

```
.border{ border-color:rgb(219, 156, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 156, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 156, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 156, 31);  
box-shadow:4px 4px 4px 4px rgb(219, 156,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 160.5870, -63.8864, 51.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 156, 31) }
```

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

```
.background{ background-color: rgb(219,  
156, 31) }
```

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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