

Converting Colors

YUV(177.9060, -61.0857,
39.5474)

Have a look what the booklet for
YUV(177.9060, -61.0857, 39.5474)
contains.

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Color

**YUV(177.9060, -61.0857,
39.5474)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB336
RGB	223, 179, 54
RGB Percent	87%, 70%, 21%
CMY	0.1255, 0.2980, 0.7882
CMYK	0.00, 0.20, 0.76, 0.13
HSL	44°, 73%, 54%
HSV	44°, 76%, 87%
XYZ	47.2174, 48.1945, 10.3039
YIQ	177.9060, 66.3490, -29.5470

Conversions

Conversions Part 2

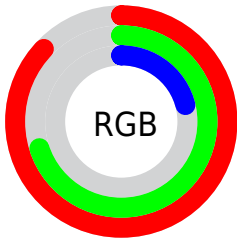
Format	Color
RYB	113, 223, 54
Decimal	14660406
CIELab	74.95, 3.98, 65.67
CIELCh	75, 65.786, 86.530
Yxy	48.1945, 0.4466, 0.4559
Android (android.graphics.Color)	4292850486 (0xFFDFB336)
YUV	177.9060, -61.0857, 39.5474
Hunter-Lab	69.4223, -0.0827, 39.7956

Details

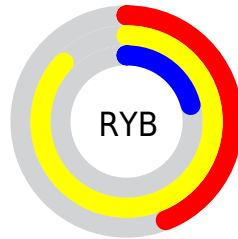
The YUV color **177.9060, -61.0857, 39.5474** is a light color, and the websafe version is hex **CC9900**. The color can be described as light muted orange. A complement of this color would be **99.0940, 61.0857, -39.5474**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.0290, -57.6953, 25.4076**, and **123.2860, -60.7800, 34.8292** is the 20% darker color. If you saturate the color by 10%, you get **171.8760, -68.9589, 44.8357**, and if you desaturate by 10%, it is **183.9360, -53.2124, 34.2591**.

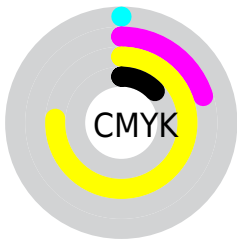
Distribution



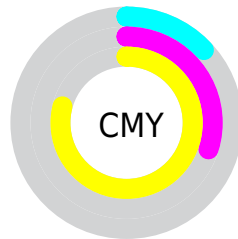
- Red (87%)
- Green (70%)
- Blue (21%)



- Red (44%)
- Yellow (87%)
- Blue (21%)



- Cyan (0%)
- Magenta (20%)
- Yellow (76%)
- Black (13%)



- Cyan (13%)
- Magenta (30%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.9060, -61.0857, 39.5474 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 177.9060, -61.0857, 39.5474 by changing the saturation by 10% instead.

■ 177.9060,
-61.0857, 39.5474

■ 177.9060,
-61.0857, 39.5474

■ 255.0000, 0.0000,
0.0000

■ 149.3250,
-63.2642, 38.3030

■ 226.0290,
-57.6953, 25.4076

■ 123.2860,
-60.7800, 34.8292

■ 241.5480,
-51.5422, 11.7974

■ 99.9400, -49.2704,
29.8706

■ 244.7400,
-39.3118, 8.9980

■ 77.4800, -38.1976,
25.0120

■ 247.9320,
-27.0815, 6.1986

■ 56.4930, -27.8510,
19.7386

■ 251.2380,
-14.4143, 3.2993

■ 36.0930, -17.7938,
13.9504

■ 254.5440, -1.7472,

■ 16.5900, -8.1789,

0.3999

10.0066

■ 0.0000, 0.0000,
0.0000

■ 177.9060,
-61.0857, 39.5474

■ 177.9060,
-61.0857, 39.5474

■ 171.8760,
-68.9589, 44.8357

■ 183.9360,
-53.2124, 34.2591

■ 165.7320,
-77.2689, 50.2240

■ 190.0800,
-44.9024, 28.8708

■ 163.5320,
-80.6213, 52.1534

■ 195.5230,
-36.7398, 24.0973

■ 201.5530,
-28.8666, 18.8090

■ 207.6970,
-20.5566, 13.4207

■ 213.7270,
-12.6834, 8.1324

■ 219.7570, -4.8102,
2.8441

■ 225.2000, 3.3524,
-1.9294

■ 231.3440, 11.6624,
-7.3177

Harmonies

Analogous

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



177.2790, -46.4795, 68.1613



177.9060, -61.0857, 39.5474



172.4270, -51.4825, -7.3905

Triad

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



177.9060, -61.0857, 39.5474



152.0490, 41.8808, -133.3470



189.7780, 30.6754, 54.5687

Complementary

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



177.9060, -61.0857, 39.5474



99.0940, 61.0857, -39.5474

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.



181.4730, 36.2488, -6.5538



177.9060, -61.0857, 39.5474



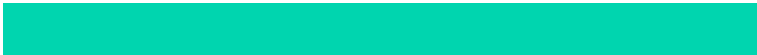
150.5790, 51.4796, -132.0578

Square

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



177.9060, -61.0857, 39.5474



144.9810, 14.7994, -127.1483



142.3610, 55.5310, -124.8506



174.0840, 9.8186, 70.9633

Rectangle

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



177.9060, -61.0857, 39.5474



165.7780, -33.9076, -44.5323



142.3610, 55.5310, -124.8506



188.2380, 32.9137, 36.6253

Sweetspot

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



177.9060, -61.0857, 39.5474



239.4690, -21.4302, 13.6207



109.6610, -5.2559, 99.3983



118.0260, -12.8308, 8.7472



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.



177.9060, -61.0857, 39.5474



193.3320, -83.9737, 54.0828



192.0730, -68.0700, -7.0800



108.9850, -3.9366, 2.6442



128.9340, -63.5645, 41.2769



35.4840, -17.4936, 10.9765

Inverse Universe

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



99.0940, 61.0857, -39.5474



84.6680, 83.9737, -54.0828



84.9270, 68.0700, 7.0800



104.0150, 3.9366, -2.6442



47.0660, 63.5645, -41.2769



13.1030, 17.2042, -11.4913

Previews

White Background



This preview shows how the YUV color 177.9060, -61.0857, 39.5474 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 177.9060, -61.0857, 39.5474 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 177.9060, -61.0857, 39.5474 Background



This preview shows how black text looks on a background with the YUV color 177.9060, -61.0857, 39.5474.



This preview shows how white text looks on a background with the YUV color 177.9060, -61.0857, 39.5474.

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

177.9060, -61.0857, 39.5474

Protanopia

176.8720, -59.5899, 26.4223

Deuteranopia

178.3630, -60.8180, 47.0396



Tritanopia

187.9170, -3.9031, 38.6608

Trichromacy



Original Color

177.9060, -61.0857, 39.5474

Protanomaly

177.3780, -60.3324, 31.2405

Deuteranomaly

178.0530, -60.6651, 44.6805

Tritanomaly

184.1240, -24.7111, 39.3563

Monochromacy



Original Color

177.9060, -61.0857, 39.5474

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.6540, -22.0144, 14.3354

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.9060, -61.0857, 39.5474 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(223, 179, 54)` looks like.

```
.text, #text, p{  
    color:rgb(223, 179, 54)  
}
```

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(223, 179, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 179, 54) }
```

Border

The CSS property to change the border of an element to YUV 177.9060, -61.0857, 39.5474 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(223, 179, 54) }
```


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

```
.border{ border-color:rgb(223, 179, 54) }
```

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

Here you see how a box with a 4 pixel rgb(223, 179, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 179, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 179, 54);  
box-shadow:4px 4px 4px 4px rgb(223, 179,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 177.9060, -61.0857, 39.5474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 179, 54) }
```

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

```
.background{ background-color: rgb(223,  
179, 54) }
```

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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