

Converting Colors

YUV(177.9370, -71.4539,
51.7983)

Have a look what the booklet for
YUV(177.9370, -71.4539, 51.7983)
contains.

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Color

**YUV(177.9370, -71.4539,
51.7983)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB021
RGB	237, 176, 33
RGB Percent	93%, 69%, 13%
CMY	0.0706, 0.3098, 0.8706
CMYK	0.00, 0.26, 0.86, 0.07
HSL	42°, 85%, 53%
HSV	42°, 86%, 93%
XYZ	50.7249, 49.1650, 8.2551
YIQ	177.9370, 82.2590, -31.5410

Conversions

Conversions Part 2

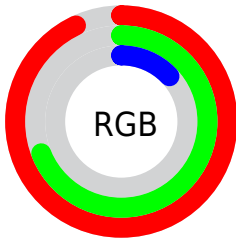
Format	Color
R_{YB}	120, 237, 33
Decimal	15577121
CIE Lab	75.55, 10.94, 73.20
CIE LCh	76, 74.016, 81.500
Yxy	49.1650, 0.4690, 0.4546
Android (android.graphics.Color)	4293767201 (0xFFEDB021)
YUV	177.9370, -71.4539, 51.7983
Hunter-Lab	70.1178, 6.4252, 42.1021

Details

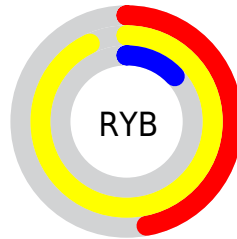
The YUV color **177.9370, -71.4539, 51.7983** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **92.0630, 71.4539, -51.7983**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.5580, -63.3791, 28.4516**, and **125.4120, -61.8281, 44.3657** is the 20% darker color. If you saturate the color by 10%, you get **171.0920, -79.9114, 57.8013**, and if you desaturate by 10%, it is **184.7820, -62.9965, 45.7952**.

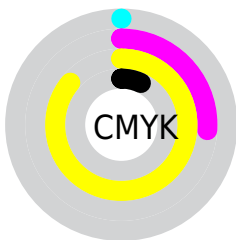
Distribution



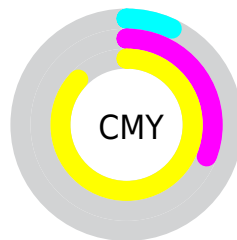
- Red (93%)
- Green (69%)
- Blue (13%)



- Red (47%)
- Yellow (93%)
- Blue (13%)



- Cyan (0%)
- Magenta (26%)
- Yellow (86%)
- Black (7%)



- Cyan (7%)
- Magenta (31%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.9370, -71.4539, 51.7983 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 177.9370, -71.4539, 51.7983 by changing the saturation by 10% instead.

177.9370,
-71.4539, 51.7983

177.9370,
-71.4539, 51.7983

255.0000, 0.0000,
0.0000

149.0570,
-73.4851, 49.9390

222.5580,
-63.3791, 28.4516

125.4120,
-61.8281, 44.3657

239.8380,
-58.0941, 13.2971

101.7670,
-50.1711, 38.7923

243.0300,
-45.8638, 10.4977

79.0080, -38.9509,
33.3190

246.3360,
-33.1966, 7.5983

57.4230, -28.3095,
26.8160

249.5280,
-20.9663, 4.7989

37.0230, -18.2523,
21.0278

252.9480, -7.8624,

17.5200, -8.6374,

1.7996

17.0840

■ 0.0000, 0.0000,
0.0000

■ 177.9370,
-71.4539, 51.7983

■ 177.9370,
-71.4539, 51.7983

■ 171.0920,
-79.9114, 57.8013

■ 184.7820,
-62.9965, 45.7952

■ 168.3050,
-82.9744, 60.2455

■ 191.5130,
-54.9759, 39.8921

■ 198.3580,
-46.5185, 33.8890

■ 205.2030,
-38.0611, 27.8860

■ 211.9340,
-30.0405, 21.9829

■ 219.3660,
-21.8724, 15.4650

■ 226.2110,
-13.4150, 9.4620

■ 233.0560, -4.9576,
3.4589

■ 239.7870, 3.0630,
-2.4442

Harmonies

Analogous

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



172.2410, -45.4748, 72.5796



177.9370, -71.4539, 51.7983



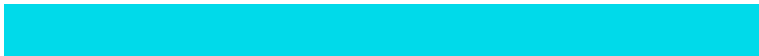
172.0400, -64.6027, 0.8419

Triad

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



177.9370, -71.4539, 51.7983



154.6420, 39.1235, -135.6210



189.5220, 32.2807, 53.0392

Complementary

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



177.9370, -71.4539, 51.7983



92.0630, 71.4539, -51.7983

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.



176.9330, 38.4870, -24.4972



177.9370, -71.4539, 51.7983



154.1010, 49.7432, -135.1466

Square

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



177.9370, -71.4539, 51.7983



146.0750, 8.8370, -128.1078



146.4700, 53.5053, -128.4542



171.6850, 18.3963, 73.0673

Rectangle

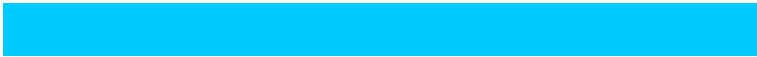
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



177.9370, -71.4539, 51.7983



166.0530, -44.3961, -40.3885



146.4700, 53.5053, -128.4542



187.3190, 33.3667, 31.2922

Sweetspot

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



177.9370, -71.4539, 51.7983



235.7360, -23.0408, 16.8945



100.9500, -3.4263, 119.3159



116.3960, -13.9992, 10.1767



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.



177.9370, -71.4539, 51.7983



181.3180, -89.3898, 64.6191



201.4850, -83.0631, -4.8103



113.9850, -3.9366, 2.6442



128.6680, -63.4333, 45.8952



38.4520, -18.9568, 13.6356

Inverse Universe

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



92.0630, 71.4539, -51.7983



73.6820, 89.3898, -64.6191



68.5150, 83.0631, 4.8103



109.0150, 3.9366, -2.6442



52.3320, 63.4333, -45.8952



15.5480, 18.9568, -13.6356

Previews

White Background



This preview shows how the YUV color 177.9370, -71.4539, 51.7983 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 177.9370, -71.4539, 51.7983 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 177.9370, -71.4539, 51.7983

Background



This preview shows how black text looks on a background with the YUV color 177.9370, -71.4539, 51.7983.



This preview shows how white text looks on a background with the YUV color 177.9370, -71.4539, 51.7983.

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

177.9370, -71.4539, 51.7983

Protanopia

176.6630, -69.3469, 29.2365

Deuteranopia

177.8120, -71.8853, 50.1539



Tritanopia

189.5870, -6.6984, 48.5972

Trichromacy



Original Color

177.9370, -71.4539, 51.7983

Protanomaly

177.1910, -70.1002, 37.5435

Deuteranomaly

178.1110, -72.0327, 50.7687

Tritanomaly

185.1100, -30.1272, 49.8925

Monochromacy



Original Color

177.9370, -71.4539, 51.7983

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.6500, -25.9565, 18.7239

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.9370, -71.4539, 51.7983 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(237, 176, 33)` looks like.

```
.text, #text, p{  
    color:rgb(237, 176, 33)  
}
```

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(237, 176, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 176, 33) }
```

Border

The CSS property to change the border of an element to YUV 177.9370, -71.4539, 51.7983 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(237, 176, 33) }
```


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

```
.border{ border-color:rgb(237, 176, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 176, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 176, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 176, 33);  
box-shadow:4px 4px 4px 4px rgb(237, 176,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 177.9370, -71.4539, 51.7983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 176, 33) }
```

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

```
.background{ background-color: rgb(237,  
176, 33) }
```

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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