

# Converting Colors

YUV(178.5380, -73.2292,  
14.4372)

Have a look what the booklet for  
YUV(178.5380, -73.2292, 14.4372)  
contains.

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# Color

**YUV(178.5380, -73.2292,  
14.4372)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3C71E
RGB	195, 199, 30
RGB Percent	76%, 78%, 12%
CMY	0.2353, 0.2196, 0.8824
CMYK	0.02, 0.00, 0.85, 0.22
HSL	61°, 74%, 45%
HSV	61°, 85%, 78%
XYZ	43.1634, 52.5427, 9.0951
YIQ	178.5380, 51.8650, -53.4070

# Conversions

## Conversions Part 2

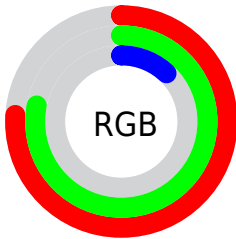
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 199, 34
Decimal	12830494
CIELab	77.60, -19.14, 73.96
CIELCh	78, 76.397, 104.512
Yxy	52.5427, 0.4119, 0.5014
Android (android.graphics.Color)	4291020574 (0xFFC3C71E)
YUV	178.5380, -73.2292, 14.4372
Hunter-Lab	72.4863, -20.5597, 43.3011

# Details

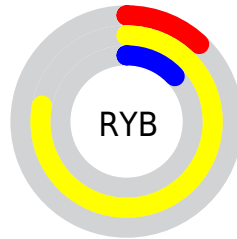
The YUV color **178.5380, -73.2292, 14.4372** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed yellow. A complement of this color would be **50.4620, 73.2292, -14.4372**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6460, -70.3245, 16.0965**, and **126.0780, -62.1565, 9.5786** is the 20% darker color. If you saturate the color by 10%, you get **176.2580, -81.9652, 16.4367**, and if you desaturate by 10%, it is **180.8180, -64.4933, 12.4376**.

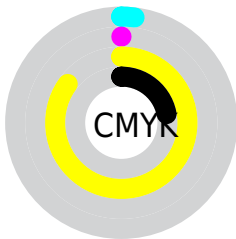
# Distribution



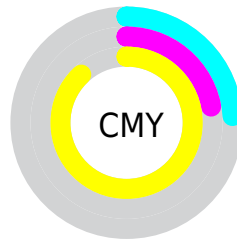
- Red (76%)
- Green (78%)
- Blue (12%)



- Red (12%)
- Yellow (78%)
- Blue (13%)



- Cyan (2%)
- Magenta (0%)
- Yellow (85%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 178.5380, -73.2292, 14.4372 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 178.5380, -73.2292, 14.4372 by changing the saturation by 10% instead.



■ 178.5380,  
-73.2292, 14.4372

■ 178.5380,  
-73.2292, 14.4372

■ 255.0000, 0.0000,  
0.0000

■ 150.5980,  
-74.2448, 13.5076

■ 236.6460,  
-70.3245, 16.0965

■ 126.0780,  
-62.1565, 9.5786

■ 239.9520,  
-57.6573, 13.1971

■ 103.0310,  
-50.7943, 5.2348

■ 243.1440,  
-45.4270, 10.3977

■ 79.9840, -39.4321,  
0.8910

■ 246.4500,  
-32.7599, 7.4983

■ 58.4100, -28.7961,  
-3.8676

■ 249.7560,  
-20.0927, 4.5990

■ 37.1350, -18.3076,  
-8.0114

■ 253.1760, -6.9888,

■ 17.0230, -8.3923,

1.5996

-14.9292

■ 0.0000, 0.0000,  
0.0000

■ 178.5380,  
-73.2292, 14.4372

■ 178.5380,  
-73.2292, 14.4372

■ 176.2580,  
-81.9652, 16.4367

■ 180.8180,  
-64.4933, 12.4376

■ 174.8190,  
-86.1858, 16.8217

■ 183.3970,  
-55.9047, 11.0528

■ 185.6770,  
-47.1688, 9.0533

■ 188.2560,  
-38.5802, 7.6685

■ 190.5360,  
-29.8442, 5.6689

■ 193.0010,  
-21.6925, 4.3841

■ 195.2810,  
-12.9565, 2.3846

■ 197.8600, -4.3680,  
0.9998

■ 200.1400, 4.3680,  
-0.9998

# Harmonies

## Analogous

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



183.6440, -70.3235, 62.5792



178.5380, -73.2292, 14.4372



169.4540, -42.6218, -49.5102

# Triad

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



178.5380, -73.2292, 14.4372



159.3840, 47.1387, -139.7798



178.4160, 26.4169, 67.1642

# Complementary

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



178.5380, -73.2292, 14.4372



50.4620, 73.2292, -14.4372

# 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.



192.6900, 30.7188, 40.6139



178.5380, -73.2292, 14.4372



152.3400, 50.6114, -133.6022

# Square

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



178.5380, -73.2292, 14.4372



157.7250, 33.1666, -138.3248



173.5120, 40.1736, -52.1920



167.2730, -3.5856, 76.9366



# Rectangle

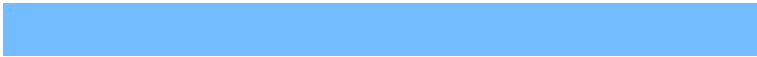
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



178.5380, -73.2292, 14.4372



144.2050, -8.4821, -126.4678



173.5120, 40.1736, -52.1920



185.6200, 33.7113, 60.8463

# Sweetspot

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



178.5380, -73.2292, 14.4372



247.1060, -27.6603, 5.1690



82.2920, -25.7800, 102.3529



123.2550, -16.8877, 3.2844



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.



178.5380, -73.2292, 14.4372



224.1360, -110.4990, 21.8057



153.7210, -60.9945, -36.5893



97.9740, -3.9312, 0.8998



143.2220, -70.6084, 13.8373



31.5970, -15.5773, 2.9844



# Inverse Universe

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



50.4620, 73.2292, -14.4372



30.8640, 110.4990, -21.8057



75.2790, 60.9945, 36.5893



91.0260, 3.9312, -0.8998



19.7780, 70.6084, -13.8373



4.4030, 15.5773, -2.9844



# Previews

## White Background



This preview shows how the YUV color 178.5380, -73.2292, 14.4372 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 178.5380, -73.2292, 14.4372 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 178.5380, -73.2292, 14.4372

## Background



This preview shows how black text looks on a background with the YUV color 178.5380, -73.2292, 14.4372.



This preview shows how white text looks on a background with the YUV color 178.5380, -73.2292, 14.4372.



# 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

178.5380, -73.2292, 14.4372

### Protanopia

180.4800, -75.1726, 31.1510

### Deuteranopia

183.6810, -69.8487, 50.2688



## Tritanopia

193.5870, 3.1616, 12.6402

# Trichromacy



## Original Color

178.5380, -73.2292, 14.4372

## Protanomaly

179.9630, -74.4248, 24.5884

## Deuteranomaly

181.6640, -70.8264, 37.1287

## Tritanomaly

187.9590, -24.6298, 13.1910

# Monochromacy



## Original Color

178.5380, -73.2292, 14.4372

## Achromatopsia

179.0000, 0.0000, 0.0000

## Achromatomaly

178.7470, -26.4973, 5.4839

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 178.5380, -73.2292, 14.4372 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(195, 199, 30)` looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 30)  
}
```

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(195, 199, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 30) }
```

## Border

The CSS property to change the border of an element to YUV 178.5380, -73.2292, 14.4372 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(195, 199, 30) }
```



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

```
.border{ border-color:rgb(195, 199, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 199, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 199, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 199, 30);  
box-shadow:4px 4px 4px 4px rgb(195, 199,  
30) }
```

# Background

The CSS property to change the background color of an element to YUV 178.5380, -73.2292, 14.4372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 199, 30) }
```

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

```
.background{ background-color: rgb(195,  
199, 30) }
```

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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