

# Converting Colors

YUV(179.4020, -70.2042,  
24.2034)

Have a look what the booklet for  
YUV(179.4020, -70.2042, 24.2034)  
contains.

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# Color

**YUV(179.4020, -70.2042,  
24.2034)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFC125
RGB	207, 193, 37
RGB Percent	81%, 76%, 15%
CMY	0.1882, 0.2431, 0.8549
CMYK	0.00, 0.07, 0.82, 0.19
HSL	55°, 70%, 48%
HSV	55°, 82%, 81%
XYZ	45.1360, 51.5389, 9.3193
YIQ	179.4020, 58.4200, -45.5480

# Conversions

## Conversions Part 2

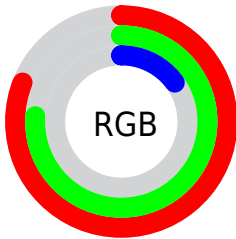
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 207, 37
Decimal	13615397
CIELab	77.00, -10.79, 72.21
CIELCh	77, 73.014, 98.499
Yxy	51.5389, 0.4258, 0.4862
Android (android.graphics.Color)	4291805477 (0xFFCFC125)
YUV	179.4020, -70.2042, 24.2034
Hunter-Lab	71.7906, -13.4074, 42.5568

# Details

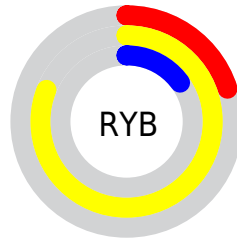
The YUV color **179.4020, -70.2042, 24.2034** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **64.5980, 70.2042, -24.2034**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.5800, -66.8409, 18.7853**, and **126.4320, -62.3310, 18.9151** is the 20% darker color. If you saturate the color by 10%, you get **175.8340, -78.7982, 27.3326**, and if you desaturate by 10%, it is **182.9700, -61.6102, 21.0743**.

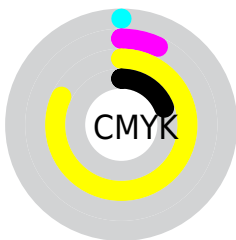
# Distribution



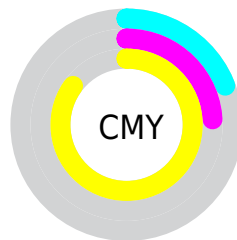
- Red (81%)
- Green (76%)
- Blue (15%)



- Red (20%)
- Yellow (81%)
- Blue (15%)



- Cyan (0%)
- Magenta (7%)
- Yellow (82%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 179.4020, -70.2042, 24.2034 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 179.4020, -70.2042, 24.2034 by changing the saturation by 10% instead.



■ 179.4020,  
-70.2042, 24.2034

■ 179.4020,  
-70.2042, 24.2034

255.0000, 0.0000,  
0.0000

■ 150.3650,  
-74.1299, 23.3589

■ 233.5800,  
-66.8409, 18.7853

■ 126.4320,  
-62.3310, 18.9151

■ 240.2940,  
-56.3469, 12.8972

■ 103.3850,  
-50.9688, 14.5714

■ 243.6000,  
-43.6798, 9.9978

■ 80.3380, -39.6066,  
10.2276

■ 246.7920,  
-31.4495, 7.1984

■ 58.7640, -28.9707,  
5.4690

■ 250.0980,  
-18.7823, 4.2991

■ 38.0760, -18.7715,  
0.8103

■ 253.5180, -5.6784,

■ 17.9640, -8.8563,

1.2997

-6.1074

■ 0.0000, 0.0000,  
0.0000

■ 179.4020,  
-70.2042, 24.2034

■ 179.4020,  
-70.2042, 24.2034

■ 175.8340,  
-78.7982, 27.3326

■ 182.9700,  
-61.6102, 21.0743

■ 173.4230,  
-85.4975, 29.4470

■ 185.8370,  
-53.1636, 18.5600

■ 189.4050,  
-44.5697, 15.4308

■ 192.9730,  
-35.9757, 12.3017

■ 196.4270,  
-27.8185, 9.2725

■ 199.4080,  
-18.9351, 6.6582

■ 202.9760,  
-10.3412, 3.5290

■ 206.5440, -1.7472,  
0.3999

■ 209.4110, 6.6994,  
-2.1144

# Harmonies

## Analogous

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



181.9460, -61.5984, 64.0684



179.4020, -70.2042, 24.2034



172.0000, -47.3280, -33.3260

# Triad

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



179.4020, -70.2042, 24.2034



158.2100, 47.7175, -138.7502



183.5510, 28.3224, 62.6608

# Complementary

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



179.4020, -70.2042, 24.2034



64.5980, 70.2042, -24.2034

# 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.



190.5200, 31.7886, 24.1000



179.4020, -70.2042, 24.2034



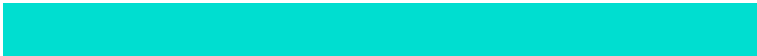
152.9270, 50.3220, -134.1170

# Square

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



179.4020, -70.2042, 24.2034



154.0260, 26.6092, -135.0808



164.2100, 44.7595, -76.4832



169.4560, 2.2402, 75.0221



# Rectangle

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



179.4020, -70.2042, 24.2034



157.6460, -20.5315, -88.2665



164.2100, 44.7595, -76.4832



189.8430, 32.1224, 57.1427

# Sweetspot

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



179.4020, -70.2042, 24.2034



244.7690, -26.5081, 8.9726



89.4260, -18.9440, 103.1124



121.2060, -15.8776, 5.9583



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.



179.4020, -70.2042, 24.2034



213.9450, -103.9959, 36.0052



166.3910, -63.7898, -26.6529



103.1590, -4.5154, 1.6146



140.6300, -69.3306, 24.0035



33.9780, -16.7512, 6.1583



# Inverse Universe

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



64.5980, 70.2042, -24.2034



43.4680, 104.2853, -35.4904



77.6090, 63.7898, 26.6529



95.8410, 4.5154, -1.6146



27.3700, 69.3306, -24.0035



6.4350, 17.0405, -5.6435



# Previews

## White Background



This preview shows how the YUV color 179.4020, -70.2042, 24.2034 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 179.4020, -70.2042, 24.2034 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 179.4020, -70.2042, 24.2034 Background



This preview shows how black text looks on a background with the YUV color 179.4020, -70.2042, 24.2034.



This preview shows how white text looks on a background with the YUV color 179.4020, -70.2042,



# 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

179.4020, -70.2042, 24.2034

### Protanopia

180.2070, -71.0941, 29.6365

### Deuteranopia

182.1370, -68.1015, 49.8689



## Tritanopia

193.2570, 0.3663, 22.5766

# Trichromacy



## Original Color

179.4020, -70.2042, 24.2034

## Protanomaly

179.8970, -70.9412, 27.2773

## Deuteranomaly

181.1420, -69.0900, 40.2175

## Tritanomaly

188.4980, -25.3885, 23.2423

# Monochromacy



## Original Color

179.4020, -70.2042, 24.2034

## Achromatopsia

179.0000, 0.0000, 0.0000

## Achromatomaly

178.9970, -25.6345, 8.7726

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 179.4020, -70.2042, 24.2034 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(207, 193, 37)` looks like.

```
.text, #text, p{  
    color:rgb(207, 193, 37)  
}
```

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(207, 193, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 193, 37) }
```

## Border

The CSS property to change the border of an element to YUV 179.4020, -70.2042, 24.2034 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(207, 193, 37) }
```



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

```
.border{ border-color:rgb(207, 193, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 193, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 193, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 193, 37);  
box-shadow:4px 4px 4px 4px rgb(207, 193,  
37) }
```

# Background

The CSS property to change the background color of an element to YUV 179.4020, -70.2042, 24.2034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 193, 37) }
```

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

```
.background{ background-color: rgb(207,  
193, 37) }
```

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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