

# Converting Colors

YUV(196.0120, -51.7709,  
38.5775)

Have a look what the booklet for  
YUV(196.0120, -51.7709, 38.5775)  
contains.

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# Color

**YUV(196.0120, -51.7709,  
38.5775)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0C25B
RGB	240, 194, 91
RGB Percent	94%, 76%, 36%
CMY	0.0588, 0.2392, 0.6431
CMYK	0.00, 0.19, 0.62, 0.06
HSL	41°, 83%, 65%
HSV	41°, 62%, 94%
XYZ	57.1153, 57.8642, 18.0561
YIQ	196.0120, 60.4790, -22.2810

# Conversions

## Conversions Part 2

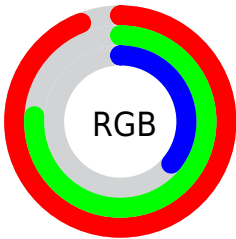
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 240, 91
Decimal	15778395
CIELab	80.66, 5.28, 56.78
CIELCh	81, 57.026, 84.688
Yxy	57.8642, 0.4293, 0.4350
Android (android.graphics.Color)	4293968475 (0xFFFF0C25B)
YUV	196.0120, -51.7709, 38.5775
Hunter-Lab	76.0685, 0.9051, 39.1745

# Details

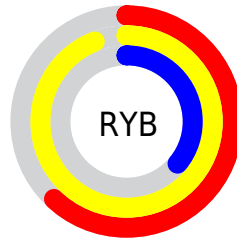
The YUV color **196.0120, -51.7709, 38.5775** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **134.9880, 51.7709, -38.5775**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.4110, -47.0376, 13.6716**, and **141.1040, -51.3233, 34.9888** is the 20% darker color. If you saturate the color by 10%, you get **189.1670, -60.2283, 44.5805**, and if you desaturate by 10%, it is **202.8570, -43.3135, 32.5744**.

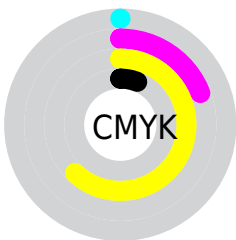
# Distribution



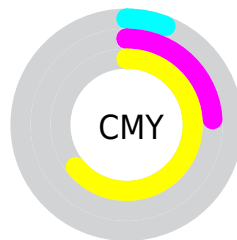
- Red (94%)
- Green (76%)
- Blue (36%)



- Red (62%)
- Yellow (94%)
- Blue (36%)



- Cyan (0%)
- Magenta (19%)
- Yellow (62%)
- Black (6%)



- Cyan (6%)
- Magenta (24%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 196.0120, -51.7709, 38.5775 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 196.0120, -51.7709, 38.5775 by changing the saturation by 10% instead.



196.0120,  
-51.7709, 38.5775

196.0120,  
-51.7709, 38.5775

255.0000, 0.0000,  
0.0000

168.2290,  
-50.8919, 36.6332

239.4110,  
-47.0376, 13.6716

141.1040,  
-51.3233, 34.9888

245.5380,  
-36.2542, 8.2982

113.0670,  
-55.2490, 34.1442

248.7300,  
-24.0239, 5.4988

90.1940, -44.4656,  
28.7709

252.0360,  
-11.3567, 2.5994

68.6200, -33.8297,  
24.0123

47.6330, -23.4831,  
18.7389

27.5320, -13.5733,

13.5654

■ 4.7840, -2.3585,  
9.8364

■ 0.0000, 0.0000,  
0.0000

■ 196.0120,  
-51.7709, 38.5775

■ 196.0120,  
-51.7709, 38.5775

■ 189.1670,  
-60.2283, 44.5805

■ 202.8570,  
-43.3135, 32.5744

■ 181.7350,  
-68.3964, 51.0984

■ 210.2890,  
-35.1455, 26.0565

■ 174.8900,  
-76.8538, 57.1015

■ 217.1340,  
-26.6881, 20.0535

■ 169.2020,  
-83.4166, 62.0898

■ 224.5660,  
-18.5200, 13.5356

■ 231.4110,  
-10.0626, 7.5326

■ 238.2560, -1.6052,  
1.5295

■ 245.2320, 4.8156,  
-4.5885

■ 249.3410, 2.7899,  
-8.1921

■ 250.5150, 2.2111,  
-9.2217

# Harmonies

## Analogous

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



191.3790, -38.1478, 55.7956



196.0120, -51.7709, 38.5775



190.7680, -45.2416, -2.4275

# Triad

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



196.0120, -51.7709, 38.5775



160.9510, 40.4502, -141.1540



204.5180, 24.8876, 44.2727

# Complementary

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



196.0120, -51.7709, 38.5775



134.9880, 51.7709, -38.5775

# 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.



197.1110, 28.5393, -7.1133



196.0120, -51.7709, 38.5775



158.7970, 47.4281, -139.2650

# Square

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



196.0120, -51.7709, 38.5775



154.7950, 16.8631, -135.7552



173.8790, 39.9927, -87.5939



191.9850, 9.8674, 55.2642



# Rectangle

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



196.0120, -51.7709, 38.5775



185.8270, -31.4667, -34.0513



173.8790, 39.9927, -87.5939



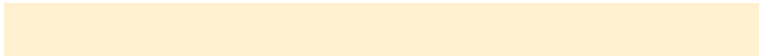
203.5440, 25.3678, 30.2179

# Sweetspot

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



196.0120, -51.7709, 38.5775



240.7230, -16.6254, 12.5209



140.9090, -1.4341, 86.9028



118.7100, -10.2100, 8.1473



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.



196.0120, -51.7709, 38.5775



198.5930, -66.3543, 49.4689



214.9410, -61.1029, -1.7023



116.2840, -4.0840, 3.2589



129.5650, -63.8755, 47.7395



39.6370, -19.5410, 14.3504



# Inverse Universe

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



134.9880, 51.7709, -38.5775



120.4070, 66.3543, -49.4689



116.0590, 61.1029, 1.7023



111.7160, 4.0840, -3.2589



54.4350, 63.8755, -47.7395



16.3630, 19.5410, -14.3504



# Previews

## White Background



This preview shows how the YUV color 196.0120, -51.7709, 38.5775 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 196.0120, -51.7709, 38.5775 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 196.0120, -51.7709, 38.5775

## Background



This preview shows how black text looks on a background with the YUV color 196.0120, -51.7709, 38.5775.



This preview shows how white text looks on a background with the YUV color 196.0120, -51.7709, 38.5775.



# 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

196.0120, -51.7709, 38.5775

### Protanopia

194.9670, -50.2697, 23.7079

### Deuteranopia

196.7570, -51.6452, 44.9401



## Tritanopia

204.3300, -3.6137, 39.1756

# Trichromacy



## Original Color

196.0120, -51.7709, 38.5775

## Protanomaly

195.1850, -50.8702, 29.6558

## Deuteranomaly

196.4470, -51.4924, 42.5810

## Tritanomaly

201.3350, -21.3642, 39.1712

# Monochromacy



## Original Color

196.0120, -51.7709, 38.5775

## Achromatopsia

196.0000, 0.0000, 0.0000

## Achromatomaly

195.8650, -18.6674, 14.1504

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 196.0120, -51.7709, 38.5775 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(240, 194, 91)` looks like.

```
.text, #text, p{  
    color:rgb(240, 194, 91)  
}
```

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(240, 194, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 194, 91) }
```

## Border

The CSS property to change the border of an element to YUV 196.0120, -51.7709, 38.5775 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(240, 194, 91) }
```



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

```
.border{ border-color:rgb(240, 194, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 194, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 194, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 194, 91);  
box-shadow:4px 4px 4px 4px rgb(240, 194,  
91) }
```

# Background

The CSS property to change the background color of an element to YUV 196.0120, -51.7709, 38.5775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 194, 91) }
```

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

```
.background{ background-color: rgb(240,  
194, 91) }
```

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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