

Converting Colors

YUV(178.1630, -37.5484,
3.3650)

Have a look what the booklet for
YUV(178.1630, -37.5484, 3.3650)
contains.

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Color

**YUV(178.1630, -37.5484,
3.3650)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BF66
RGB	182, 191, 102
RGB Percent	71%, 75%, 40%
CMY	0.2863, 0.2510, 0.6000
CMYK	0.05, 0.00, 0.47, 0.25
HSL	66°, 41%, 57%
HSV	66°, 47%, 75%
XYZ	40.3205, 48.1660, 19.7422
YIQ	178.1630, 23.2050, -29.5870

Conversions

Conversions Part 2

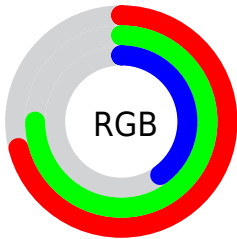
Format	Color
RYB	102, 191, 111
Decimal	11976550
CIELab	74.93, -16.25, 43.58
CIELCh	75, 46.506, 110.445
Yxy	48.1660, 0.3725, 0.4450
Android (android.graphics.Color)	4290166630 (0xFFB6BF66)
YUV	178.1630, -37.5484, 3.3650
Hunter-Lab	69.4017, -17.7495, 31.7154

Details

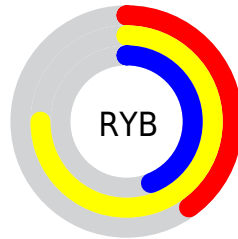
The YUV color $178.1630, -37.5484, 3.3650$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $114.8370, 37.5484, -3.3650$, and the grayscale version is $179.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.1200, -39.0062, 4.2798$, and $124.9070, -35.9432, 1.8356$ is the 20% darker color. If you saturate the color by 10%, you get $175.3990, -45.5527, 4.0351$, and if you desaturate by 10%, it is $180.9270, -29.5440, 2.6950$.

Distribution



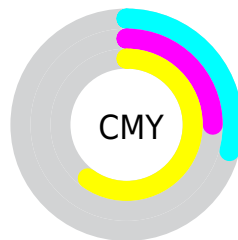
- Red (71%)
- Green (75%)
- Blue (40%)



- Red (40%)
- Yellow (75%)
- Blue (44%)



- Cyan (5%)
- Magenta (0%)
- Yellow (47%)
- Black (25%)



- Cyan (29%)
- Magenta (25%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.1630, -37.5484, 3.3650 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 178.1630, -37.5484, 3.3650 by changing the saturation by 10% instead.

■ 178.1630,
-37.5484, 3.3650

■ 178.1630,
-37.5484, 3.3650

■ 255.0000, 0.0000,
0.0000

■ 151.0920,
-36.5274, 2.5503

■ 234.1200,
-39.0062, 4.2798

■ 124.9070,
-35.9432, 1.8356

■ 246.6780,
-31.8863, 7.2984

■ 98.9070, -35.9432,
1.8356

■ 249.8700,
-19.6559, 4.4990

■ 74.0810, -36.5219,
0.8060

■ 253.1760, -6.9888,
1.5996

■ 53.7030, -26.4756,
-1.4935

■ 33.0150, -16.2764,
-6.1522

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 178.1630,
-37.5484, 3.3650

■ 178.1630,
-37.5484, 3.3650

■ 175.3990,
-45.5527, 4.0351

■ 180.9270,
-29.5440, 2.6950

■ 172.6350,
-53.5571, 4.7051

■ 183.6910,
-21.5397, 2.0250

■ 169.8710,
-61.5614, 5.3751

■ 186.4550,
-13.5353, 1.3550

■ 167.1070,
-69.5658, 6.0452

■ 189.2190, -5.5310,
0.6849

■ 164.3430,
-77.5701, 6.7152

■ 192.0970, 2.9102,
-0.0851

■ 163.5450,
-80.6277, 7.4150

■ 194.8610, 10.9145,
-0.7551

■ 197.6250, 18.9189,
-1.4251

■ 200.0900, 27.0706,
-2.7099

■ 200.6880, 26.7758,
-1.4804

Harmonies

Analogous

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



181.8620, -40.8510, 36.0780



178.1630, -37.5484, 3.3650



172.0470, -21.7152, -35.1212

Triad

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



178.1630, -37.5484, 3.3650



146.9600, 50.3057, -128.8839



187.6820, 6.0728, 59.0379

Complementary

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



178.1630, -37.5484, 3.3650



114.8370, 37.5484, -3.3650

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.



189.6150, 24.3468, 31.0326



178.1630, -37.5484, 3.3650



168.0750, 42.8540, -71.9798

Square

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



178.1630, -37.5484, 3.3650



145.7910, 33.1340, -127.8587



183.7880, 35.1075, -13.8461



182.7800, -12.7095, 63.3369

Rectangle

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



178.1630, -37.5484, 3.3650



165.3990, -5.6197, -64.3709



183.7880, 35.1075, -13.8461



189.2450, 12.2042, 52.4051

Sweetspot

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



178.1630, -37.5484, 3.3650



242.2270, -14.4089, 1.5549



133.8940, -15.7237, 50.0820



122.0080, -8.8779, 0.8700



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



178.1630, -37.5484, 3.3650



227.0820, -58.2144, 5.1901



165.0070, -31.0625, -23.6851



92.6750, -3.7838, 0.2850



135.2040, -66.6556, 5.9601



26.5690, -13.0985, 1.2550

Inverse Universe

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



114.8370, 37.5484, -3.3650



128.9180, 58.2144, -5.1901



127.9930, 31.0625, 23.6851



86.3250, 3.7838, -0.2850



22.7960, 66.6556, -5.9601



4.4310, 13.0985, -1.2550

Previews

White Background



This preview shows how the YUV color 178.1630, -37.5484, 3.3650 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 178.1630, -37.5484, 3.3650 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 178.1630, -37.5484, 3.3650

Background



This preview shows how black text looks on a background with the YUV color 178.1630, -37.5484, 3.3650.



This preview shows how white text looks on a background with the YUV color 178.1630, -37.5484, 3.3650.

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

178.1630, -37.5484, 3.3650

Protanopia

180.1050, -39.4918, 20.0789

Deuteranopia

182.3720, -37.6514, 36.5078



Tritanopia

185.5970, 4.6357, 6.4924

Trichromacy



Original Color

178.1630, -37.5484, 3.3650

Protanomaly

179.5880, -38.7439, 13.5163

Deuteranomaly

180.7080, -37.3240, 24.8121

Tritanomaly

182.8730, -10.7834, 5.3734

Monochromacy



Original Color

178.1630, -37.5484, 3.3650

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.0420, -13.8247, 0.8402

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.1630, -37.5484, 3.3650 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(182, 191, 102)` looks like.

```
.text, #text, p{  
    color:rgb(182, 191, 102)  
}
```

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(182, 191, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 191, 102) }
```

Border

The CSS property to change the border of an element to YUV 178.1630, -37.5484, 3.3650 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(182, 191, 102) }
```


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

```
.border{ border-color:rgb(182, 191, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 191, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 191, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 191, 102);  
box-shadow:4px 4px 4px 4px rgb(182, 191,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 178.1630, -37.5484, 3.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 191, 102) }
```

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

```
.background{ background-color: rgb(182,  
191, 102) }
```

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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