

Converting Colors

YUV(176.6250, -38.2691,
1.2059)

Have a look what the booklet for
YUV(176.6250, -38.2691, 1.2059)
contains.

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Color

**YUV(176.6250, -38.2691,
1.2059)**

Conversions

Conversions Part 1

Format	Color
Hex	B2BF63
RGB	178, 191, 99
RGB Percent	70%, 75%, 39%
CMY	0.3020, 0.2510, 0.6118
CMYK	0.07, 0.00, 0.48, 0.25
HSL	68°, 42%, 57%
HSV	68°, 48%, 75%
XYZ	39.2430, 47.6274, 18.9291
YIQ	176.6250, 21.7840, -31.3680

Conversions

Conversions Part 2

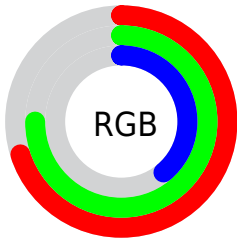
Format	Color
RYB	99, 191, 112
Decimal	11714403
CIELab	74.59, -18.16, 44.57
CIELCh	75, 48.122, 112.165
Yxy	47.6274, 0.3709, 0.4502
Android (android.graphics.Color)	4289904483 (0xFFB2BF63)
YUV	176.6250, -38.2691, 1.2059
Hunter-Lab	69.0126, -19.2707, 32.0465

Details

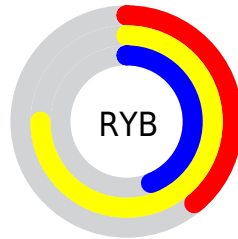
The YUV color $176.6250, -38.2691, 1.2059$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $113.3750, 38.2691, -1.2059$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.5820, -39.7269, 2.1206$, and $123.2550, -37.1007, -0.2236$ is the 20% darker color. If you saturate the color by 10%, you get $173.5620, -46.1261, 1.2611$, and if you desaturate by 10%, it is $179.6880, -30.4122, 1.1506$.

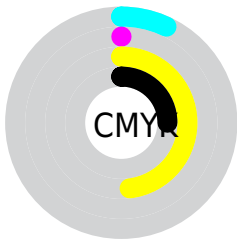
Distribution



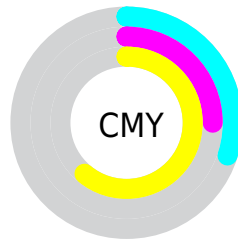
- Red (70%)
- Green (75%)
- Blue (39%)



- Red (39%)
- Yellow (75%)
- Blue (44%)



- Cyan (7%)
- Magenta (0%)
- Yellow (48%)
- Black (25%)



- Cyan (30%)
- Magenta (25%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.6250, -38.2691, 1.2059 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 176.6250, -38.2691, 1.2059 by changing the saturation by 10% instead.

■ 176.6250,
-38.2691, 1.2059

■ 176.6250,
-38.2691, 1.2059

■ 255.0000, 0.0000,
0.0000

■ 149.5540,
-37.2481, 0.3911

■ 232.5820,
-39.7269, 2.1206

■ 123.2550,
-37.1007, -0.2236

■ 246.3360,
-33.1966, 7.5983

■ 97.2550, -37.1007,
-0.2236

■ 249.5280,
-20.9663, 4.7989

■ 73.1840, -36.0797,
-1.0384

■ 252.8340, -8.2992,
1.8996

■ 51.9200, -25.5966,
-3.4378

■ 31.2320, -15.3974,
-8.0965

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 176.6250,
-38.2691, 1.2059

■ 176.6250,
-38.2691, 1.2059

■ 173.5620,
-46.1261, 1.2611

■ 179.6880,
-30.4122, 1.1506

■ 170.7980,
-54.1304, 1.9312

■ 182.4520,
-22.4078, 0.4806

■ 167.7350,
-61.9874, 1.9864

■ 185.5150,
-14.5509, 0.4253

■ 164.6720,
-69.8443, 2.0417

■ 188.5780, -6.6940,
0.3701

■ 161.7940,
-78.2854, 2.8117

■ 191.4560, 1.7472,
-0.3999

■ 161.1530,
-79.4484, 2.4968

■ 194.5190, 9.6041,
-0.4552

■ 197.5820, 17.4611,
-0.5104

■ 200.6450, 25.3180,
-0.5657

■ 201.5850, 26.3336,
0.3640

Harmonies

Analogous

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



180.6940, -42.7401, 35.3484



176.6250, -38.2691, 1.2059



170.1390, -21.2675, -38.7099

Triad

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



176.6250, -38.2691, 1.2059



147.3020, 51.6161, -129.1839



185.5790, 5.6306, 60.8822

Complementary

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



176.6250, -38.2691, 1.2059



113.3750, 38.2691, -1.2059

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.



188.9250, 24.1940, 33.3918



176.6250, -38.2691, 1.2059



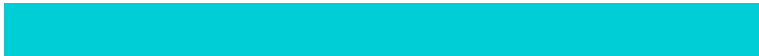
166.5910, 43.5856, -73.3093

Square

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



176.6250, -38.2691, 1.2059



145.4320, 34.2970, -127.5439



183.2120, 35.3915, -11.5869



181.0360, -14.3147, 64.8664

Rectangle

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



176.6250, -38.2691, 1.2059



162.5230, -3.7088, -70.6187



183.2120, 35.3915, -11.5869



188.1530, 11.7566, 55.9938

Sweetspot

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



176.6250, -38.2691, 1.2059



241.6290, -14.1141, 0.3254



133.5520, -17.0341, 50.3819



121.7090, -8.7305, 0.2552



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.



176.6250, -38.2691, 1.2059



224.7180, -59.5140, 2.0013



163.1700, -31.6358, -26.4591



92.6750, -3.7838, 0.2850



133.4100, -65.7711, 2.2714



25.9710, -12.8037, 0.0254

Inverse Universe

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



113.3750, 38.2691, -1.2059



126.2820, 59.5140, -2.0013



126.8300, 31.6358, 26.4591



86.3250, 3.7838, -0.2850



24.5900, 65.7711, -2.2714



4.7300, 12.9511, -0.6402

Previews

White Background



This preview shows how the YUV color 176.6250, -38.2691, 1.2059 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 176.6250, -38.2691, 1.2059 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 176.6250, -38.2691, 1.2059

Background



This preview shows how black text looks on a background with the YUV color 176.6250, -38.2691, 1.2059.



This preview shows how white text looks on a background with the YUV color 176.6250, -38.2691, 1.2059.

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

176.6250, -38.2691, 1.2059

Protanopia

178.7630, -40.8022, 20.3788

Deuteranopia

181.4430, -38.6724, 37.3225



Tritanopia

184.4010, 5.2253, 4.0333

Trichromacy



Original Color

176.6250, -38.2691, 1.2059

Protanomaly

177.9470, -39.9069, 13.2015

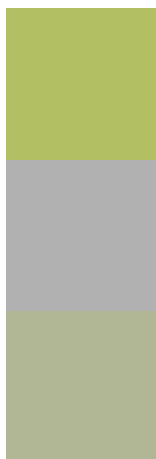
Deuteranomaly

179.7680, -38.3396, 23.8825

Tritanomaly

181.5630, -10.6306, 3.0142

Monochromacy



Original Color

176.6250, -38.2691, 1.2059

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.7430, -13.6773, 0.2254

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.6250, -38.2691, 1.2059 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(178, 191, 99)` looks like.

```
.text, #text, p{  
    color:rgb(178, 191, 99)  
}
```

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(178, 191, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 191, 99) }
```

Border

The CSS property to change the border of an element to YUV 176.6250, -38.2691, 1.2059 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(178, 191, 99) }
```


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

```
.border{ border-color:rgb(178, 191, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 191, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 191, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 191, 99);  
box-shadow:4px 4px 4px 4px rgb(178, 191,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 176.6250, -38.2691, 1.2059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 191, 99) }
```

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

```
.background{ background-color: rgb(178,  
191, 99) }
```

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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