

Converting Colors

YUV(178.4970, -47.5730,
-1.3129)

Have a look what the booklet for
YUV(178.4970, -47.5730, -1.3129)
contains.

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Color

**YUV(178.4970, -47.5730,
-1.3129)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C652
RGB	177, 198, 82
RGB Percent	69%, 78%, 32%
CMY	0.3059, 0.2235, 0.6784
CMYK	0.11, 0.00, 0.59, 0.22
HSL	71°, 50%, 55%
HSV	71°, 59%, 78%
XYZ	39.8485, 50.3445, 15.5999
YIQ	178.4970, 24.7200, -40.5280

Conversions

Conversions Part 2

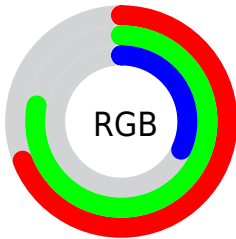
Format	Color
R _Y B	82, 198, 103
Decimal	11650642
CIE Lab	76.28, -23.54, 54.45
CIE LCh	76, 59.321, 113.378
Yxy	50.3445, 0.3767, 0.4759
Android (android.graphics.Color)	4289840722 (0xFFB1C652)
YUV	178.4970, -47.5730, -1.3129
Hunter-Lab	70.9538, -23.9215, 36.6322

Details

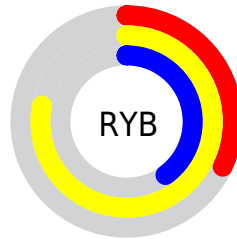
The YUV color **178.4970, -47.5730, -1.3129** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **101.5030, 47.5730, 1.3129**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.3400, -49.4676, -0.2982**, and **123.9700, -48.2992, -1.7277** is the 20% darker color. If you saturate the color by 10%, you get **175.0210, -55.7194, -1.7724**, and if you desaturate by 10%, it is **181.9730, -39.4267, -0.8533**.

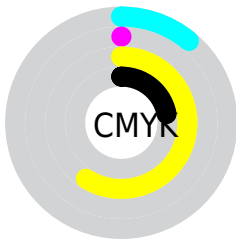
Distribution



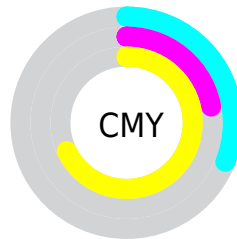
- Red (69%)
- Green (78%)
- Blue (32%)



- Red (32%)
- Yellow (78%)
- Blue (40%)



- Cyan (11%)
- Magenta (0%)
- Yellow (59%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.4970, -47.5730, -1.3129 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 178.4970, -47.5730, -1.3129 by changing the saturation by 10% instead.

■ 178.4970,
-47.5730, -1.3129

■ 178.4970,
-47.5730, -1.3129

■ 255.0000, 0.0000,
0.0000

■ 151.1980,
-47.4256, -1.9276

■ 235.3400,
-49.4676, -0.2982

■ 123.9700,
-48.2992, -1.7277

■ 244.5120,
-40.1854, 9.1980

■ 98.2580, -48.4412,
-2.8573

■ 247.7040,
-27.9551, 6.3986

■ 75.8090, -37.3738,
-5.9715

■ 250.8960,
-15.7247, 3.5992

■ 53.9470, -26.5959,
-9.6005

■ 254.2020, -3.0576,
0.6998

■ 32.6610, -16.1019,
-15.4887

■ 17.0230, -8.3923,

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 178.4970,
-47.5730, -1.3129

■ 178.4970,
-47.5730, -1.3129

■ 175.0210,
-55.7194, -1.7724

■ 181.9730,
-39.4267, -0.8533

■ 171.8440,
-64.0131, -1.6172

■ 185.1500,
-31.1329, -1.0085

■ 168.4820,
-71.7226, -2.1767

■ 188.5120,
-23.4234, -0.4490

■ 165.3050,
-80.0164, -2.0215

■ 191.6890,
-15.1297, -0.6043

■ 164.6640,
-81.1794, -2.3363

■ 195.1650, -6.9833,
-0.1447

■ 198.6410, 1.1630,
0.3148

■ 201.8180, 9.4567,
0.1596

■ 205.1800, 17.1663,
0.7191

■ 207.7870, 23.2760,
1.0638

Harmonies

Analogous

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



183.5670, -53.5235, 40.7217



178.4970, -47.5730, -1.3129



169.2530, -24.2817, -51.9649

Triad

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



178.4970, -47.5730, -1.3129



152.3400, 50.6114, -133.6022



182.7410, 9.9877, 63.3711

Complementary

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



178.4970, -47.5730, -1.3129



101.5030, 47.5730, 1.3129

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.



194.0710, 29.5450, 43.7877



178.4970, -47.5730, -1.3129



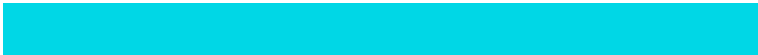
145.2960, 54.0841, -127.4246

Square

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



178.4970, -47.5730, -1.3129



152.4250, 38.2445, -133.6767



185.2720, 34.3759, -12.5165



177.6450, -14.6150, 67.8403

Rectangle

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



178.4970, -47.5730, -1.3129



148.9800, 2.9679, -112.2385



185.2720, 34.3759, -12.5165



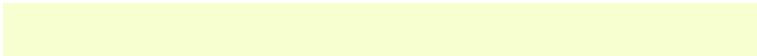
186.5540, 16.9819, 60.0271

Sweetspot

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



178.4970, -47.5730, -1.3129



247.3640, -18.9135, -0.3192



127.8370, -22.5976, 61.5330



122.9000, -11.7827, -0.7893



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.



178.4970, -47.5730, -1.3129



225.1400, -73.0330, -1.8768



161.7530, -39.3182, -35.7404



97.6750, -3.7838, 0.2850



135.7470, -66.9233, -1.5321



29.8030, -14.6929, -0.7042

Inverse Universe

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



101.5030, 47.5730, 1.3129



106.8600, 73.0330, 1.8768



118.2470, 39.3182, 35.7404



91.3250, 3.7838, -0.2850



27.5520, 66.7759, 2.1469



5.8980, 14.8403, 0.0895

Previews

White Background



This preview shows how the YUV color 178.4970, -47.5730, -1.3129 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 178.4970, -47.5730, -1.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

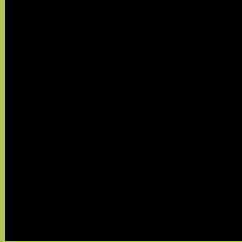
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 178.4970, -47.5730, -1.3129

Background



This preview shows how black text looks on a background with the YUV color 178.4970, -47.5730, -1.3129.



This preview shows how white text looks on a background with the YUV color 178.4970, -47.5730, -1.3129.

-1.3129.

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

178.4970, -47.5730, -1.3129

Protanopia

181.8530, -50.7065, 23.8079

Deuteranopia

184.3590, -47.9980, 41.7812



Tritanopia

188.7920, 5.5255, 1.0594

Trichromacy



Original Color

178.4970, -47.5730, -1.3129

Protanomaly

180.7270, -49.6584, 14.2714

Deuteranomaly

182.2600, -47.9492, 26.0820

Tritanomaly

184.7430, -13.6773, 0.2254

Monochromacy



Original Color

178.4970, -47.5730, -1.3129

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1190, -17.3137, -0.1044

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.4970, -47.5730, -1.3129 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(177, 198, 82)` looks like.

```
.text, #text, p{  
    color:rgb(177, 198, 82)  
}
```

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(177, 198, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 198, 82) }
```

Border

The CSS property to change the border of an element to YUV 178.4970, -47.5730, -1.3129 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(177, 198, 82) }
```


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

```
.border{ border-color:rgb(177, 198, 82) }
```

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

Here you see how a box with a 4 pixel rgb(177, 198, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 198, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 198, 82);  
box-shadow:4px 4px 4px 4px rgb(177, 198,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 178.4970, -47.5730, -1.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 198, 82) }
```

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

```
.background{ background-color: rgb(177,  
198, 82) }
```

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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