

Converting Colors

YUV(170.4690, -61.8562,
6.6047)

Have a look what the booklet for
YUV(170.4690, -61.8562, 6.6047)
contains.

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Color

**YUV(170.4690, -61.8562,
6.6047)**

Conversions

Conversions Part 1

Format	Color
Hex	B2BF2D
RGB	178, 191, 45
RGB Percent	70%, 75%, 18%
CMY	0.3020, 0.2510, 0.8235
CMYK	0.07, 0.00, 0.76, 0.25
HSL	65°, 62%, 46%
HSV	65°, 76%, 75%
XYZ	37.4646, 46.9160, 9.5637
YIQ	170.4690, 39.1180, -48.1620

Conversions

Conversions Part 2

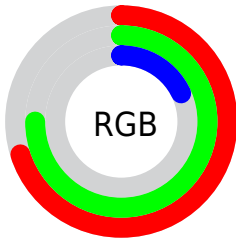
Format	Color
RYB	45, 191, 58
Decimal	11714349
CIELab	74.14, -21.91, 66.50
CIELCh	74, 70.021, 108.237
Yxy	46.9160, 0.3988, 0.4994
Android (android.graphics.Color)	4289904429 (0xFFB2BF2D)
YUV	170.4690, -61.8562, 6.6047
Hunter-Lab	68.4953, -22.2334, 39.6683

Details

The YUV color **170.4690, -61.8562, 6.6047** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **65.5310, 61.8562, -6.6047**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.5940, -61.4248, 8.2491**, and **117.1850, -57.7722, 3.3458** is the 20% darker color. If you saturate the color by 10%, you get **167.7050, -69.8606, 7.2747**, and if you desaturate by 10%, it is **173.2330, -53.8519, 5.9347**.

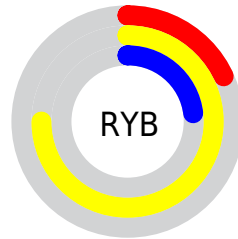
Distribution



Red (70%)

Green (75%)

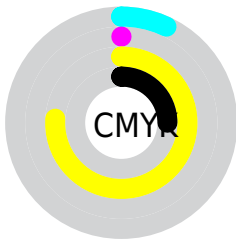
Blue (18%)



Red (18%)

Yellow (75%)

Blue (23%)

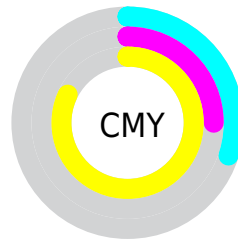


Cyan (7%)

Magenta (0%)

Yellow (76%)

Black (25%)



Cyan (30%)

Magenta (25%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.4690, -61.8562, 6.6047 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 170.4690, -61.8562, 6.6047 by changing the saturation by 10% instead.

■ 170.4690,
-61.8562, 6.6047

■ 170.4690,
-61.8562, 6.6047

■ 255.0000, 0.0000,
0.0000

■ 140.8190,
-69.4238, 7.1747

■ 227.5940,
-61.4248, 8.2491

■ 117.1850,
-57.7722, 3.3458

■ 240.8640,
-54.1630, 12.3973

■ 93.8500, -46.2680,
0.1316

■ 244.0560,
-41.9326, 9.5979

■ 71.6890, -35.3427,
-4.1123

■ 247.2480,
-29.7023, 6.7985

■ 50.1150, -24.7067,
-8.8709

■ 250.5540,
-17.0351, 3.8991

■ 28.5410, -14.0707,
-13.6295

■ 253.8600, -4.3680,

■ 13.5010, -6.6560,

0.9998

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 170.4690,
-61.8562, 6.6047

■ 170.4690,
-61.8562, 6.6047

■ 167.7050,
-69.8606, 7.2747

■ 173.2330,
-53.8519, 5.9347

■ 165.2400,
-78.0123, 8.5595

■ 175.6980,
-45.7001, 4.6499

■ 164.1430,
-80.9225, 8.6446

■ 178.4620,
-37.6958, 3.9798

■ 181.2260,
-29.6914, 3.3098

■ 184.1040,
-21.2503, 2.5398

■ 186.5690,
-13.0985, 1.2550

■ 189.3330, -5.0942,
0.5850

■ 192.0970, 2.9102,
-0.0851

■ 194.5620, 11.0619,
-1.3699

Harmonies

Analogous

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



175.7830, -64.4760, 53.6873



170.4690, -61.8562, 6.6047



160.0220, -34.0278, -52.6393

Triad

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



170.4690, -61.8562, 6.6047



151.7530, 50.9008, -133.0874



173.5600, 17.9649, 71.4229

Complementary

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



170.4690, -61.8562, 6.6047



65.5310, 61.8562, -6.6047

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.



186.2110, 33.9130, 42.7880



170.4690, -61.8562, 6.6047



144.7090, 54.3735, -126.9098

Square

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



170.4690, -61.8562, 6.6047



150.2250, 34.8921, -131.7473



172.7470, 40.5507, -33.1041



165.0900, -9.4114, 78.8511

Rectangle

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



170.4690, -61.8562, 6.6047



138.3180, -3.1148, -121.3049



172.7470, 40.5507, -33.1041



179.4760, 25.4013, 66.2345

Sweetspot

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



170.4690, -61.8562, 6.6047



239.0070, -24.1605, 2.6249



95.6980, -24.9941, 83.5799



120.1130, -14.8457, 1.6549



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.



170.4690, -61.8562, 6.6047



215.1420, -96.2050, 10.3995



148.9410, -51.2429, -37.6593



92.9740, -3.9312, 0.8998



135.8020, -66.9504, 7.1896



26.5690, -13.0985, 1.2550

Inverse Universe

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



65.5310, 61.8562, -6.6047



51.8580, 96.2050, -10.3995



87.0590, 51.2429, 37.6593



86.3250, 3.7838, -0.2850



22.1980, 66.9504, -7.1896



4.4310, 13.0985, -1.2550

Previews

White Background



This preview shows how the YUV color 170.4690, -61.8562, 6.6047 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 170.4690, -61.8562, 6.6047 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 170.4690, -61.8562, 6.6047

Background



This preview shows how black text looks on a background with the YUV color 170.4690, -61.8562, 6.6047.



This preview shows how white text looks on a background with the YUV color 170.4690, -61.8562, 6.6047.

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

170.4690, -61.8562, 6.6047

Protanopia

173.0310, -64.1053, 28.0368

Deuteranopia

175.7650, -60.5231, 45.8101



Tritanopia

183.4830, 4.1989, 6.5924

Trichromacy



Original Color

170.4690, -61.8562, 6.6047

Protanomaly

171.9160, -63.0626, 20.2447

Deuteranomaly

174.1500, -61.2059, 31.4405

Tritanomaly

178.8810, -19.6613, 6.2434

Monochromacy



Original Color

170.4690, -61.8562, 6.6047

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.4630, -22.4133, 2.2249

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.4690, -61.8562, 6.6047 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, 45)` looks like.

```
.text, #text, p{  
    color:rgb(178, 191, 45)  
}
```

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, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 191, 45) }
```

Border

The CSS property to change the border of an element to YUV 170.4690, -61.8562, 6.6047 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, 45) }
```


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

```
.border{ border-color:rgb(178, 191, 45) }
```

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, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 191, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 191, 45);  
box-shadow:4px 4px 4px 4px rgb(178, 191,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 170.4690, -61.8562, 6.6047 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, 45) }
```

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

```
.background{ background-color: rgb(178,  
191, 45) }
```

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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