

Converting Colors

YUV(180.3240, -31.7117,
-2.0381)

Have a look what the booklet for
YUV(180.3240, -31.7117, -2.0381)
contains.

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Color

**YUV(180.3240, -31.7117,
-2.0381)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C274
RGB	178, 194, 116
RGB Percent	70%, 76%, 45%
CMY	0.3020, 0.2392, 0.5451
CMYK	0.08, 0.00, 0.40, 0.24
HSL	72°, 39%, 61%
HSV	72°, 40%, 76%
XYZ	40.8043, 49.3095, 23.8901
YIQ	180.3240, 15.5020, -27.6500

Conversions

Conversions Part 2

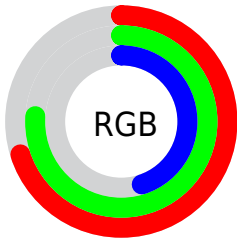
Format	Color
RYB	116, 194, 132
Decimal	11715188
CIELab	75.64, -17.83, 37.38
CIELCh	76, 41.411, 115.497
Yxy	49.3095, 0.3579, 0.4325
Android (android.graphics.Color)	4289905268 (0xFFB2C274)
YUV	180.3240, -31.7117, -2.0381
Hunter-Lab	70.2207, -19.1625, 28.9832

Details

The YUV color **180.3240, -31.7117, -2.0381** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **129.6760, 31.7117, 2.0381**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.2810, -33.1695, -1.1234**, and **126.7800, -29.9645, -2.4381** is the 20% darker color. If you saturate the color by 10%, you get **176.9620, -39.4213, -2.5977**, and if you desaturate by 10%, it is **183.6860, -24.0022, -1.4786**.

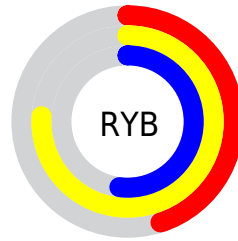
Distribution



Red (70%)

Green (76%)

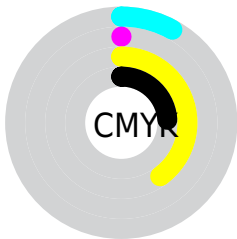
Blue (45%)



Red (45%)

Yellow (76%)

Blue (52%)

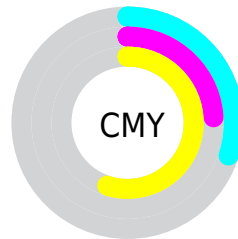


Cyan (8%)

Magenta (0%)

Yellow (40%)

Black (24%)



Cyan (30%)

Magenta (24%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3240, -31.7117, -2.0381 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 180.3240, -31.7117, -2.0381 by changing the saturation by 10% instead.

■ 180.3240,
-31.7117, -2.0381

■ 180.3240,
-31.7117, -2.0381

255.0000, 0.0000,
0.0000

■ 153.5520,
-30.8381, -2.2381

■ 236.2810,
-33.1695, -1.1234

■ 126.7800,
-29.9645, -2.4381

■ 248.3880,
-25.3343, 5.7987

■ 101.5950,
-29.3803, -3.1528

■ 251.5800,
-13.1039, 2.9993

■ 76.5950, -29.3803,
-3.1528

254.8860, -0.4368,
0.1000

■ 53.9800, -26.6121,
-4.3675

■ 33.8900, -16.7078,
-7.7965

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 180.3240,
-31.7117, -2.0381

■ 180.3240,
-31.7117, -2.0381

■ 176.9620,
-39.4213, -2.5977

■ 183.6860,
-24.0022, -1.4786

■ 173.4860,
-47.5676, -3.0572

■ 187.1620,
-15.8559, -1.0191

■ 170.1240,
-55.2771, -3.6167

■ 190.5240, -8.1463,
-0.4595

■ 166.6480,
-63.4235, -4.0763

■ 194.0000, 0.0000,
0.0000

■ 163.2860,
-71.1330, -4.6358

■ 197.3620, 7.7095,
0.5595

■ 159.9240,
-78.8425, -5.1953

■ 200.7240, 15.4191,
1.1191

■ 204.2000, 23.5654,
1.5786

■ 205.7380, 24.2862,
3.7378

■ 206.9340, 23.6965,
6.1969

Harmonies

Analogous

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



184.2570, -36.6087, 28.7156



180.3240, -31.7117, -2.0381



174.5290, -16.0368, -36.4209

Triad

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



180.3240, -31.7117, -2.0381



159.1160, 43.8198, -101.8337



190.5200, 1.7156, 56.5490

Complementary

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



180.3240, -31.7117, -2.0381



129.6760, 31.7117, 2.0381

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.



191.5460, 18.9578, 32.8472



180.3240, -31.7117, -2.0381



177.6540, 38.1316, -50.5626

Square

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



180.3240, -31.7117, -2.0381



146.0730, 35.4600, -127.2290



188.5610, 32.7544, -5.7540



187.2480, -15.8983, 59.4185

Rectangle

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



180.3240, -31.7117, -2.0381



168.8600, -1.4100, -61.2672



188.5610, 32.7544, -5.7540



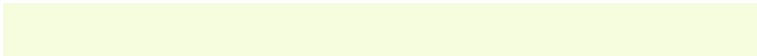
191.3820, 7.6997, 50.5310

Sweetspot

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



180.3240, -31.7117, -2.0381



246.7860, -12.2195, -0.6893



148.7140, -16.1280, 39.7158



124.7520, -7.2727, -0.6595



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.



180.3240, -31.7117, -2.0381



231.0300, -49.3148, -2.6573



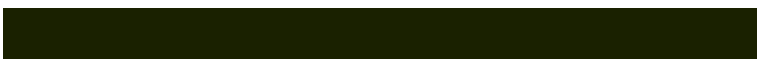
168.6630, -25.9629, -26.0145



95.2620, -4.0732, -0.2298



132.7790, -65.4600, -4.1912



27.1450, -13.3825, -1.0042

Inverse Universe

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



129.6760, 31.7117, 2.0381



152.2690, 49.1674, 3.2721



141.3370, 25.9629, 26.0145



88.7380, 4.0732, 0.2298



28.2210, 65.4600, 4.1912



5.8550, 13.3825, 1.0042

Previews

White Background



This preview shows how the YUV color 180.3240, -31.7117, -2.0381 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 180.3240, -31.7117, -2.0381 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 180.3240, -31.7117, -2.0381 Background



This preview shows how black text looks on a background with the YUV color 180.3240, -31.7117, -2.0381.



This preview shows how white text looks on a background with the YUV color 180.3240, -31.7117, -2.0381.

-2.0381.

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

180.3240, -31.7117, -2.0381

Protanopia

182.7610, -34.3922, 17.7496

Deuteranopia

185.1420, -32.1150, 34.0785



Tritanopia

186.9060, 5.9623, 0.9594

Trichromacy



Original Color

180.3240, -31.7117, -2.0381

Protanomaly

181.9450, -33.4969, 10.5722

Deuteranomaly

183.4670, -31.7822, 20.6384

Tritanomaly

184.6380, -7.7095, -0.5595

Monochromacy



Original Color

180.3240, -31.7117, -2.0381

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.0140, -11.3459, -0.8893

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3240, -31.7117, -2.0381 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, 194, 116)` looks like.

```
.text, #text, p{  
    color:rgb(178, 194, 116)  
}
```

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, 194, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 194, 116) }
```

Border

The CSS property to change the border of an element to YUV 180.3240, -31.7117, -2.0381 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, 194, 116) }
```


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

```
.border{ border-color:rgb(178, 194, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 194, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 194, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 194, 116);  
box-shadow:4px 4px 4px 4px rgb(178, 194,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 180.3240, -31.7117, -2.0381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 194, 116) }
```

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

```
.background{ background-color: rgb(178,  
194, 116) }
```

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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