

Converting Colors

YUV(199.7060, -41.2671,
-17.2822)

Have a look what the booklet for
YUV(199.7060, -41.2671, -17.2822)
contains.

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Color

**YUV(199.7060, -41.2671,
-17.2822)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E274
RGB	180, 226, 116
RGB Percent	71%, 89%, 45%
CMY	0.2941, 0.1137, 0.5451
CMYK	0.20, 0.00, 0.49, 0.11
HSL	85°, 65%, 67%
HSV	85°, 49%, 89%
XYZ	49.1711, 65.3570, 26.5466
YIQ	199.7060, 7.8940, -43.9620

Conversions

Conversions Part 2

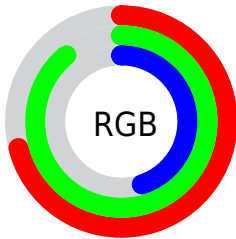
Format	Color
RYB	116, 226, 162
Decimal	11854452
CIELab	84.67, -32.53, 48.62
CIELCh	85, 58.498, 123.782
Yxy	65.3570, 0.3485, 0.4633
Android (android.graphics.Color)	4290044532 (0xFFB4E274)
YUV	199.7060, -41.2671, -17.2822
Hunter-Lab	80.8437, -32.9082, 37.1216

Details

The YUV color **199.7060, -41.2671, -17.2822** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **142.2940, 41.2671, 17.2822**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.2270, -34.6219, -1.9531**, and **144.4610, -39.6673, -17.0673** is the 20% darker color. If you saturate the color by 10%, you get **194.3930, -49.9867, -20.5157**, and if you desaturate by 10%, it is **205.0190, -32.5474, -14.0487**.

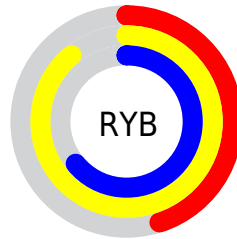
Distribution



Red (71%)

Green (89%)

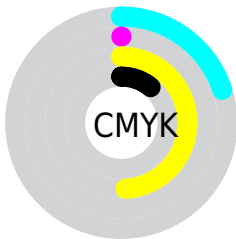
Blue (45%)



Red (45%)

Yellow (89%)

Blue (64%)

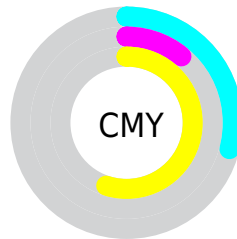


Cyan (20%)

Magenta (0%)

Yellow (49%)

Black (11%)



Cyan (29%)

Magenta (11%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.7060, -41.2671, -17.2822 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 199.7060, -41.2671, -17.2822 by changing the saturation by 10% instead.

■ 199.7060,
-41.2671, -17.2822

■ 199.7060,
-41.2671, -17.2822

255.0000, 0.0000,
0.0000

■ 171.9340,
-40.3935, -17.4821

■ 240.2270,
-34.6219, -1.9531

■ 144.4610,
-39.6673, -17.0673

■ 248.5020,
-24.8975, 5.6987

■ 118.0480,
-39.9567, -17.5821

■ 251.8080,
-12.2303, 2.7994

■ 91.2500, -43.0142,
-16.8822

■ 68.0460, -33.5467,
-20.2113

■ 45.5860, -22.4739,
-25.0699

■ 27.0020, -13.3120,

-23.6808

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 199.7060,
-41.2671, -17.2822

■ 199.7060,
-41.2671, -17.2822

■ 194.3930,
-49.9867, -20.5157

■ 205.0190,
-32.5474, -14.0487

■ 188.8950,
-58.1222, -24.4639

■ 210.5170,
-24.4119, -10.1004

■ 183.5820,
-66.8419, -27.6974

■ 215.8300,
-15.6922, -6.8669

■ 178.0840,
-74.9774, -31.6457

■ 221.3280, -7.5567,
-2.9187

■ 172.7710,
-83.6971, -34.8792

■ 226.6410, 1.1630,
0.3148

■ 171.8310,
-84.7127, -35.8088

■ 232.2530, 9.7353,
4.1631

■ 235.2860, 9.7190,
9.3962

■ 237.9770, 8.3923,
14.9292

Harmonies

Analogous

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



206.0770, -53.7750, 27.9965



199.7060, -41.2671, -17.2822



188.4660, -14.0337, -72.3227

Triad

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



199.7060, -41.2671, -17.2822



164.0800, 44.8236, -143.8982



196.5840, 4.6421, 51.2308

Complementary

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



199.7060, -41.2671, -17.2822



142.2940, 41.2671, 17.2822

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.



207.4530, 23.4407, 41.6987



199.7060, -41.2671, -17.2822



193.5470, 30.2963, -57.4847

Square

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



199.7060, -41.2671, -17.2822



168.7760, 42.5084, -148.0166



210.2230, 22.0751, 12.9594



194.6510, -20.5339, 52.9261

Rectangle

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



199.7060, -41.2671, -17.2822



162.8650, 17.3216, -142.8326



210.2230, 22.0751, 12.9594



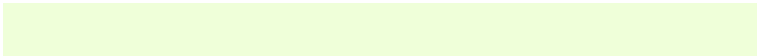
199.3370, 12.6519, 48.8165

Sweetspot

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



199.7060, -41.2671, -17.2822



245.8840, -14.2398, -6.0373



175.8920, -29.5268, 43.9447



122.3880, -8.5723, -3.8483



0.0000, 0.0000, 0.0000



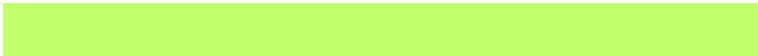
128.0000, 0.0000, 0.0000

Same Dimension

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



199.7060, -41.2671, -17.2822



219.5900, -55.5069, -23.3194



183.2610, -33.1597, -51.0949



109.5500, -4.2151, -1.3593



133.8100, -65.9683, -27.8974



36.5480, -18.0182, -7.4966

Inverse Universe

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



142.2940, 41.2671, 17.2822



142.4100, 55.5069, 23.3194



158.7390, 33.1597, 51.0949



103.7490, 4.0677, 1.9741



42.1900, 65.9683, 27.8974



11.4520, 18.0182, 7.4966

Previews

White Background



This preview shows how the YUV color 199.7060, -41.2671, -17.2822 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 199.7060, -41.2671, -17.2822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

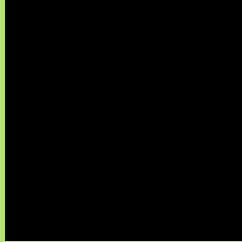
Any Text WCAG AA ✓ Pass

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 199.7060, -41.2671, -17.2822 Background



This preview shows how black text looks on a background with the YUV color 199.7060, -41.2671, -17.2822.



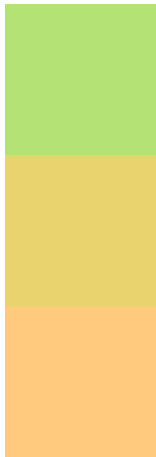
This preview shows how white text looks on a background with the YUV color 199.7060, -41.2671, -17.2822.

-17.2822.

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

199.7060, -41.2671, -17.2822

Protanopia

205.8790, -46.7753, 22.9081

Deuteranopia

208.5960, -40.7198, 40.6963



Tritanopia

209.5560, 10.0789, -12.7656

Trichromacy



Original Color

199.7060, -41.2671, -17.2822

Protanomaly

203.3610, -44.5480, 8.4534

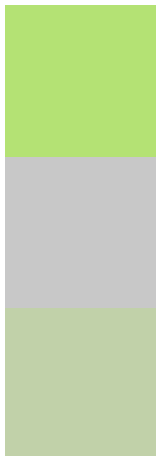
Deuteranomaly

205.3500, -41.0916, 19.8640

Tritanomaly

206.3220, -8.5397, -14.3144

Monochromacy



Original Color

199.7060, -41.2671, -17.2822

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.6560, -15.1134, -5.8373

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.7060, -41.2671, -17.2822 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(180, 226, 116)` looks like.

```
.text, #text, p{  
    color:rgb(180, 226, 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(180, 226, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 226, 116) }
```

Border

The CSS property to change the border of an element to YUV 199.7060, -41.2671, -17.2822 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(180, 226, 116) }
```


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

```
.border{ border-color:rgb(180, 226, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 226, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 226, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 226, 116);  
box-shadow:4px 4px 4px 4px rgb(180, 226,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 199.7060, -41.2671, -17.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 226, 116) }
```

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

```
.background{ background-color: rgb(180,  
226, 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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