

Converting Colors

YUV(171.8680, -6.8369,
-47.2422)

Have a look what the booklet for
YUV(171.8680, -6.8369, -47.2422)
contains.

YUV(171.8680, -6.8369, -47.2422)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(171.8680, -6.8369,
-47.2422)**

Conversions

Conversions Part 1

Format	Color
Hex	76CA9E
RGB	118, 202, 158
RGB Percent	46%, 79%, 62%
CMY	0.5373, 0.2078, 0.3804
CMYK	0.42, 0.00, 0.22, 0.21
HSL	149°, 44%, 63%
HSV	149°, 42%, 79%
XYZ	34.7633, 48.5612, 39.8888
YIQ	171.8680, -35.9400, -31.4920

Conversions

Conversions Part 2

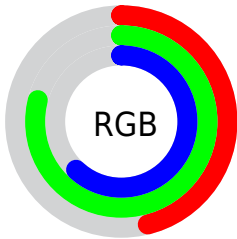
Format	Color
RYB	118, 175, 202
Decimal	7785118
CIELab	75.18, -35.43, 14.10
CIELCh	75, 38.135, 158.307
Yxy	48.5612, 0.2821, 0.3941
Android (android.graphics.Color)	4285975198 (0xFF76CA9E)
YUV	171.8680, -6.8369, -47.2422
Hunter-Lab	69.6859, -32.9043, 14.8420

Details

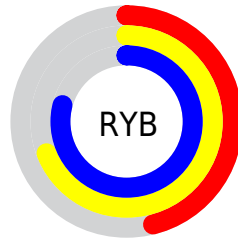
The YUV color **171.8680, -6.8369, -47.2422** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **148.1320, 6.8369, 47.2422**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6940, -6.2581, -46.2126**, and **117.3240, -5.0897, -47.6421** is the 20% darker color. If you saturate the color by 10%, you get **164.6340, -8.6936, -58.4380**, and if you desaturate by 10%, it is **179.1020, -4.9803, -36.0465**.

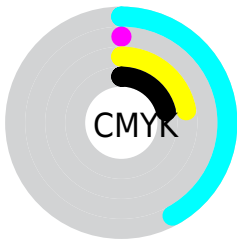
Distribution



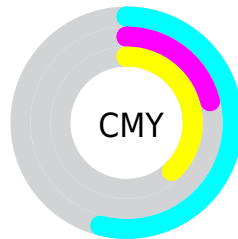
- Red (46%)
- Green (79%)
- Blue (62%)



- Red (46%)
- Yellow (69%)
- Blue (79%)



- Cyan (42%)
- Magenta (0%)
- Yellow (22%)
- Black (21%)



- Cyan (54%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.8680, -6.8369, -47.2422 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 171.8680, -6.8369, -47.2422 by changing the saturation by 10% instead.

■ 171.8680, -6.8369,
-47.2422

■ 171.8680, -6.8369,
-47.2422

255.0000, 0.0000,
0.0000

■ 144.3950, -6.1107,
-46.8274

■ 225.6940, -6.2581,
-46.2126

■ 117.3240, -5.0897,
-47.6421

■ 237.5570, 1.6974,
-31.1835

■ 90.5410, -4.2107,
-49.5865

■ 247.8240, 3.5378,
-14.7546

■ 63.0780, -2.0105,
-55.3194

■ 45.8950, -4.3852,
-40.2499

■ 30.0000, -6.9020,
-26.3100

■ 15.8490, -7.8136,

-13.8996

■ 0.0000, 0.0000,
0.0000

■ 171.8680, -6.8369,
-47.2422

■ 171.8680, -6.8369,
-47.2422

■ 164.6340, -8.6936,
-58.4380

■ 179.1020, -4.9803,
-36.0465

■ 157.5140,
-10.1134, -69.7338

■ 186.2220, -3.5604,
-24.7507

■ 149.9810,
-11.8226, -81.5443

■ 193.7550, -1.8512,
-12.9401

■ 142.8610,
-13.2425, -92.8401

■ 200.8750, -0.4314,
-1.6444

■ 135.6270,
-15.0991, -104.0359

■ 208.1090, 1.4253,
9.5514

■ 129.5180,
-16.5244, -113.5873

■ 215.2290, 2.8451,
20.8472

■ 221.2670, 5.2914,
29.5838

■ 222.5210, 10.0961,
28.4841

■ 223.6610, 14.4641,
27.4843

Harmonies

Analogous

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



177.8970, -24.1062, -14.8187



171.8680, -6.8369, -47.2422



163.6910, 14.9423, -79.5360

Triad

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



171.8680, -6.8369, -47.2422



182.7000, 35.1509, -27.8009



186.7330, -21.5604, 55.4852

Complementary

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



171.8680, -6.8369, -47.2422



148.1320, 6.8369, 47.2422

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.



188.5710, -5.7045, 56.5042



171.8680, -6.8369, -47.2422



188.7220, 25.2801, 11.6448

Square

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



171.8680, -6.8369, -47.2422



171.3590, 38.7700, -68.7208



190.1250, 10.7844, 41.1094



184.5880, -31.8419, 39.8263

Rectangle

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



171.8680, -6.8369, -47.2422



158.8490, 28.6684, -95.4606



190.1250, 10.7844, 41.1094



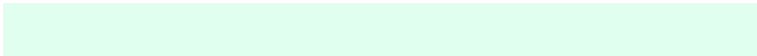
187.7100, -16.6190, 57.2593

Sweetspot

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



171.8680, -6.8369, -47.2422



243.9070, -2.4192, -17.4584



180.7630, -30.9422, -15.5782



121.4780, -1.7147, -10.0662



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.



171.8680, -6.8369, -47.2422



209.3890, -10.5448, -71.3782



176.5420, 11.0718, -51.3413



98.4400, -0.7099, -5.6479



106.4480, -13.5319, -93.3549



24.3580, -3.1345, -21.3620

Inverse Universe

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



148.1320, 6.8369, 47.2422



173.4970, 10.1080, 71.4781



143.4580, -11.0718, 51.3413



95.5600, 0.7099, 5.6479



59.5520, 13.5319, 93.3549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 171.8680, -6.8369, -47.2422 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 171.8680, -6.8369, -47.2422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

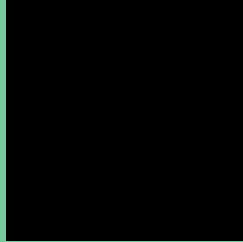
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.8680, -6.8369, -47.2422

Background



This preview shows how black text looks on a background with the YUV color 171.8680, -6.8369, -47.2422.



This preview shows how white text looks on a background with the YUV color 171.8680, -6.8369,

-47.2422.

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

171.8680, -6.8369, -47.2422

Protanopia

183.2990, -16.9094, 10.2618

Deuteranopia

184.9720, -10.8322, 21.0726



Tritanopia

177.3890, 16.5702, -41.5602

Trichromacy



Original Color

171.8680, -6.8369, -47.2422



Protanomaly

179.3780, -13.4974, -10.8555



Deuteranomaly

180.1600, -9.4459, -3.6483



Tritanomaly

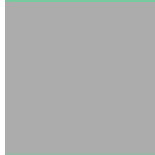
175.7880, 7.9925, -43.6641

Monochromacy



Original Color

171.8680, -6.8369, -47.2422



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.9070, -2.4192, -17.4584

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.8680, -6.8369, -47.2422 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(118, 202, 158)` looks like.

```
.text, #text, p{  
    color:rgb(118, 202, 158)  
}
```

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(118, 202, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 202, 158) }
```

Border

The CSS property to change the border of an element to YUV 171.8680, -6.8369, -47.2422 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(118, 202, 158) }
```


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

```
.border{ border-color:rgb(118, 202, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 202, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 202, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 202, 158);  
box-shadow:4px 4px 4px 4px rgb(118, 202,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 171.8680, -6.8369, -47.2422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 202, 158) }
```

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

```
.background{ background-color: rgb(118,  
202, 158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor