

Converting Colors

YUV(159.1690, 6.8187,
-40.4902)

Have a look what the booklet for
YUV(159.1690, 6.8187, -40.4902)
contains.

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Color

**YUV(159.1690, 6.8187,
-40.4902)**

Conversions

Conversions Part 1

Format	Color
Hex	71B4AD
RGB	113, 180, 173
RGB Percent	44%, 71%, 68%
CMY	0.5569, 0.2941, 0.3216
CMYK	0.37, 0.00, 0.04, 0.29
HSL	174°, 31%, 57%
HSV	174°, 37%, 71%
XYZ	30.6741, 39.1704, 45.4791
YIQ	159.1690, -37.6850, -16.3810

Conversions

Conversions Part 2

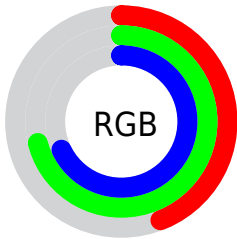
Format	Color
RYB	113, 148, 180
Decimal	7451821
CIELab	68.87, -22.87, -3.17
CIELCh	69, 23.093, 187.882
Yxy	39.1704, 0.2660, 0.3397
Android (android.graphics.Color)	4285641901 (0xFF71B4AD)
YUV	159.1690, 6.8187, -40.4902
Hunter-Lab	62.5862, -22.0413, 0.7265

Details

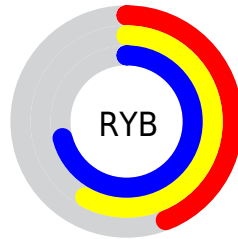
The YUV color **159.1690, 6.8187, -40.4902** is a light color, and the websafe version is hex **669999**. A complement of this color would be **133.8310, -6.8187, 40.4902**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.7560, 6.5293, -41.0050**, and **106.2830, 7.2555, -40.5902** is the 20% darker color. If you saturate the color by 10%, you get **153.5590, 8.5984, -51.3562**, and if you desaturate by 10%, it is **164.7790, 5.0390, -29.6242**.

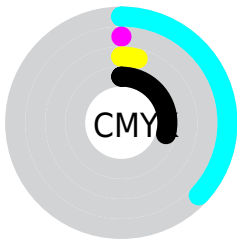
Distribution



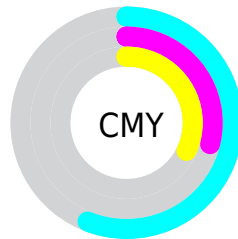
- Red (44%)
- Green (71%)
- Blue (68%)



- Red (44%)
- Yellow (58%)
- Blue (71%)



- Cyan (37%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (56%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.1690, 6.8187, -40.4902 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 159.1690, 6.8187, -40.4902 by changing the saturation by 10% instead.

■ 159.1690, 6.8187,
-40.4902

■ 159.1690, 6.8187,
-40.4902

■ 255.0000, 0.0000,
0.0000

■ 132.1690, 6.8187,
-40.4902

■ 214.7560, 6.5293,
-41.0050

■ 106.2830, 7.2555,
-40.5902

■ 237.3590, 8.6970,
-36.2718

■ 80.3860, 7.6977,
-42.4345

■ 245.7310, 4.5696,
-19.0581

■ 53.4070, 9.1663,
-46.8379

■ 254.7010, 0.1474,
-0.6148

■ 37.3980, 6.2128,
-32.7980

■ 22.6770, 3.1172,
-19.8877

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 159.1690, 6.8187,
-40.4902

■ 159.1690, 6.8187,
-40.4902

■ 153.5590, 8.5984,
-51.3562

■ 164.7790, 5.0390,
-29.6242

■ 147.9490, 10.3781,
-62.2223

■ 170.3890, 3.2592,
-18.7582

■ 142.3390, 12.1579,
-73.0883

■ 175.9990, 1.4795,
-7.8921

■ 136.7290, 13.9376,
-83.9543

■ 181.6090, -0.3002,
2.9739

■ 131.2330, 16.1541,
-94.9203

■ 187.1050, -2.5168,
13.9399

■ 125.6230, 17.9339,
-105.7864

■ 192.7150, -4.2965,
24.8059

■ 124.0140, 18.2341,
-108.7603

■ 198.3250, -6.0762,
35.6720

■ 203.3370, -7.5611,
45.3085

■ 203.5650, -6.6875,
45.1085

Harmonies

Analogous

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



161.5700, -4.7180, -26.8099



159.1690, 6.8187, -40.4902



159.6660, 16.4337, -44.4341

Triad

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



159.1690, 6.8187, -40.4902



170.6430, 14.9660, 6.4521



168.2300, -18.8474, 25.2313

Complementary

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



159.1690, 6.8187, -40.4902



133.8310, -6.8187, 40.4902

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.



170.3650, -13.4909, 33.8829



159.1690, 6.8187, -40.4902



171.7610, 6.0338, 24.7656

Square

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



159.1690, 6.8187, -40.4902



167.2920, 20.5620, -15.1651



171.1830, -4.0342, 34.0425



166.3160, -19.3828, 10.2469

Rectangle

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



159.1690, 6.8187, -40.4902



161.4370, 20.4906, -38.9712



171.1830, -4.0342, 34.0425



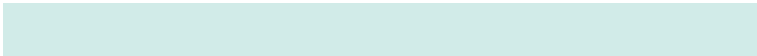
168.8930, -17.6952, 29.0348

Sweetspot

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



159.1690, 6.8187, -40.4902



226.8840, 2.5222, -15.6843



154.7210, -20.5685, -29.5733



112.4010, 1.7743, -9.1217



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



159.1690, 6.8187, -40.4902



202.0520, 10.8204, -64.0666



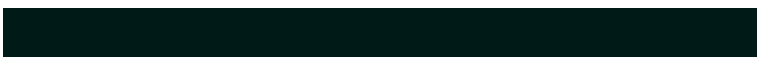
144.7050, 17.4004, -27.8053



86.1950, 0.8899, -5.4330



105.4290, 15.5645, -92.4612



17.8840, 2.5222, -15.6843

Inverse Universe

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



133.8310, -6.8187, 40.4902



161.9480, -10.8204, 64.0666



148.2950, -17.4004, 27.8053



82.8050, -0.8899, 5.4330



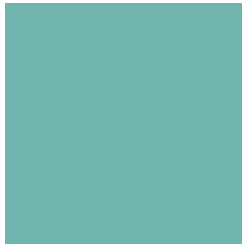
47.5710, -15.5645, 92.4612



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 159.1690, 6.8187, -40.4902 looks on a white background.

Color Contrast Check

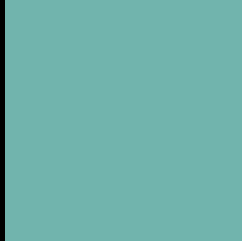
Large Text (above 18pt) WCAG AA × Fail

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 159.1690, 6.8187, -40.4902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

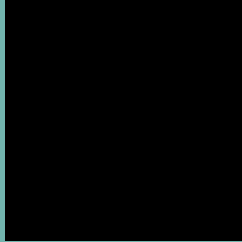
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

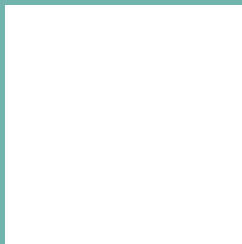
Any Text WCAG AAA ✓ Pass

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

YUV 159.1690, 6.8187, -40.4902 Background



This preview shows how black text looks on a background with the YUV color 159.1690, 6.8187, -40.4902.



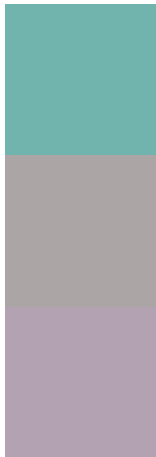
This preview shows how white text looks on a background with the YUV color 159.1690, 6.8187,

-40.4902.

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

159.1690, 6.8187, -40.4902

Protanopia

167.3810, -1.1738, 3.1739

Deuteranopia

168.7930, 4.0461, 8.9515



Tritanopia

160.9550, 14.8122, -37.6715

Trichromacy



Original Color

159.1690, 6.8187, -40.4902

Protanomaly

164.3790, 1.7852, -12.6104

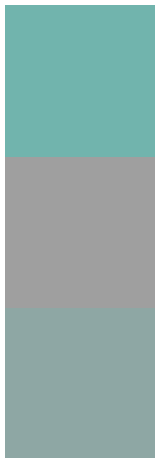
Deuteranomaly

165.6120, 5.1213, -9.3067

Tritanomaly

160.1460, 11.7600, -38.7160

Monochromacy



Original Color

159.1690, 6.8187, -40.4902

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1830, 2.3748, -15.0695

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.1690, 6.8187, -40.4902 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(113, 180, 173)` looks like.

```
.text, #text, p{  
    color:rgb(113, 180, 173)  
}
```

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(113, 180, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 180, 173) }
```

Border

The CSS property to change the border of an element to YUV 159.1690, 6.8187, -40.4902 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(113, 180, 173) }
```


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

```
.border{ border-color:rgb(113, 180, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 180, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 180, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 180, 173);  
box-shadow:4px 4px 4px 4px rgb(113, 180,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 159.1690, 6.8187, -40.4902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 180, 173) }
```

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

```
.background{ background-color: rgb(113,  
180, 173) }
```

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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