

Converting Colors

YUV(159.4780, -8.6167,
-36.3762)

Have a look what the booklet for
YUV(159.4780, -8.6167, -36.3762)
contains.

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Color

**YUV(159.4780, -8.6167,
-36.3762)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 76B88E |
| RGB | 118, 184, 142 |
| RGB Percent | 46%, 72%, 56% |
| CMY | 0.5373, 0.2784, 0.4431 |
| CMYK | 0.36, 0.00, 0.23, 0.28 |
| HSL | 142°, 32%, 59% |
| HSV | 142°, 36%, 72% |
| XYZ | 29.4942, 40.0855, 31.7740 |
| YIQ | 159.4780, -25.8540, -27.0540 |

Conversions

Conversions Part 2

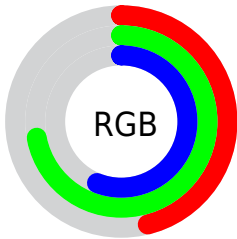
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 118, 166, 184 |
| Decimal | 7780494 |
| CIELab | 69.53, -30.16, 14.81 |
| CIELCh | 70, 33.597, 153.848 |
| Yxy | 40.0855, 0.2910, 0.3955 |
| Android (android.graphics.Color) | 4285970574 (0xFF76B88E) |
| YUV | 159.4780, -8.6167, -36.3762 |
| Hunter-Lab | 63.3131, -27.6444, 14.5643 |

Details

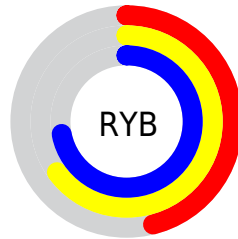
The YUV color **159.4780, -8.6167, -36.3762** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **142.5220, 8.6167, 36.3762**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6520, -9.1954, -37.4058**, and **107.1190, -7.4537, -36.0614** is the 20% darker color. If you saturate the color by 10%, you get **152.7280, -11.2049, -46.2425**, and if you desaturate by 10%, it is **166.2280, -6.0284, -26.5100**.

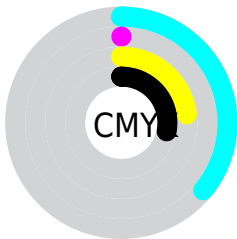
Distribution



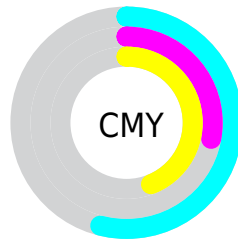
- Red (46%)
- Green (72%)
- Blue (56%)



- Red (46%)
- Yellow (65%)
- Blue (72%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (28%)



- Cyan (54%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.4780, -8.6167, -36.3762 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 159.4780, -8.6167, -36.3762 by changing the saturation by 10% instead.

■ 159.4780, -8.6167,
-36.3762

■ 159.4780, -8.6167,
-36.3762

255.0000, 0.0000,
0.0000

■ 132.8910, -8.3273,
-35.8614

■ 214.6520, -9.1954,
-37.4058

■ 107.1190, -7.4537,
-36.0614

■ 235.0210, -5.4334,
-30.7134

■ 81.3470, -6.5801,
-36.2613

■ 246.8840, 2.5222,
-15.6843

■ 54.4820, -4.6746,
-40.7647

■ 36.1950, -6.0121,
-31.7430

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,

0.0000

■ 159.4780, -8.6167,
-36.3762

■ 159.4780, -8.6167,
-36.3762

■ 152.7280,
-11.2049, -46.2425

■ 166.2280, -6.0284,
-26.5100

■ 145.7930,
-13.2089, -56.8235

■ 173.1630, -4.0244,
-15.9290

■ 139.0430,
-15.7972, -66.6897

■ 179.9130, -1.4361,
-6.0627

■ 131.9940,
-18.2380, -77.1707

■ 186.9620, 1.0047,
4.4183

■ 125.2440,
-20.8263, -87.0370

■ 193.7120, 3.5930,
14.2846

■ 118.6080,
-22.9777, -97.0032

■ 200.3480, 5.7444,
24.2508

■ 115.6460,
-23.9825, -101.4215

■ 207.3970, 8.1853,
34.7318

■ 211.1570, 12.2476,
38.4503

■ 212.4110, 17.0524,
37.3506

Harmonies

Analogous

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



163.9840, -22.6701, -8.7560



159.4780, -8.6167, -36.3762



153.4220, 9.6520, -62.6371

Triad

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



159.4780, -8.6167, -36.3762



166.6630, 31.2251, -28.6455



171.8400, -17.1761, 49.2523

Complementary

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



159.4780, -8.6167, -36.3762



142.5220, 8.6167, 36.3762

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.



173.4990, -3.2040, 47.7974



159.4780, -8.6167, -36.3762



173.1080, 23.1178, 5.1673

Square

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



159.4780, -8.6167, -36.3762



157.2090, 32.9280, -61.5733



174.4830, 11.1009, 32.9024



170.2440, -26.7423, 37.4970

Rectangle

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



159.4780, -8.6167, -36.3762



150.3200, 21.0412, -75.7026



174.4830, 11.1009, 32.9024



172.4040, -12.5242, 50.5117

Sweetspot

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



159.4780, -8.6167, -36.3762



229.9890, -3.4456, -14.8994



169.5990, -25.4383, -7.5413



114.0760, -2.0095, -8.8367



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



159.4780, -8.6167, -36.3762



201.6790, -13.6457, -56.7235



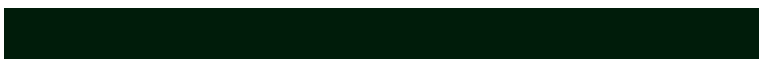
163.1260, 5.3609, -39.5755



88.6250, -1.2941, -4.9331



98.0700, -20.2475, -86.0074



17.5760, -3.7350, -15.4142

Inverse Universe

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



142.5220, 8.6167, 36.3762



175.2070, 13.2089, 56.8235



138.8740, -5.3609, 39.5755



86.2610, 0.8573, 5.0331



57.9300, 20.2475, 86.0074



10.4240, 3.7350, 15.4142

Previews

White Background



This preview shows how the YUV color 159.4780, -8.6167, -36.3762 looks on a white background.

Color Contrast Check

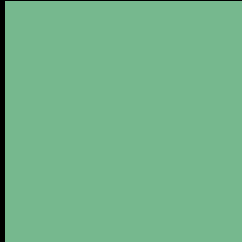
Large Text (above 18pt) WCAG AA × Fail

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 159.4780, -8.6167, -36.3762 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 159.4780, -8.6167, -36.3762 Background



This preview shows how black text looks on a background with the YUV color 159.4780, -8.6167, -36.3762.



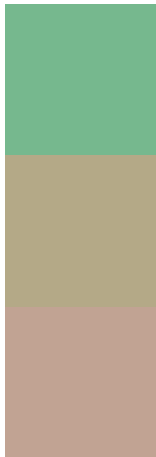
This preview shows how white text looks on a background with the YUV color 159.4780, -8.6167,

-36.3762.

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

159.4780, -8.6167, -36.3762

Protanopia

168.4130, -16.4726, 10.1618

Deuteranopia

170.1460, -11.4110, 20.0430



Tritanopia

164.3580, 13.6275, -31.0090

Trichromacy



Original Color

159.4780, -8.6167, -36.3762

Protanomaly

164.8130, -13.2188, -6.8520

Deuteranomaly

166.5410, -10.6197, -0.4745

Tritanomaly

162.8710, 5.4866, -33.2129

Monochromacy



Original Color

159.4780, -8.6167, -36.3762

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1140, -3.0142, -13.2550

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.4780, -8.6167, -36.3762 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, 184, 142)` looks like.

```
.text, #text, p{  
    color:rgb(118, 184, 142)  
}
```

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, 184, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 184, 142) }
```

Border

The CSS property to change the border of an element to YUV 159.4780, -8.6167, -36.3762 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, 184, 142) }
```


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

```
.border{ border-color:rgb(118, 184, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 184, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 184, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 184, 142);  
box-shadow:4px 4px 4px 4px rgb(118, 184,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 159.4780, -8.6167, -36.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 184, 142) }
```

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

```
.background{ background-color: rgb(118,  
184, 142) }
```

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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