

Converting Colors

YUV(159.2330, -7.0169,
-36.1613)

Have a look what the booklet for
YUV(159.2330, -7.0169, -36.1613)
contains.

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Color

**YUV(159.2330, -7.0169,
-36.1613)**

Conversions

Conversions Part 1

Format	Color
Hex	76B791
RGB	118, 183, 145
RGB Percent	46%, 72%, 57%
CMY	0.5373, 0.2824, 0.4314
CMYK	0.36, 0.00, 0.21, 0.28
HSL	145°, 31%, 59%
HSV	145°, 36%, 72%
XYZ	29.5155, 39.7629, 32.9074
YIQ	159.2330, -26.5420, -25.5980

Conversions

Conversions Part 2

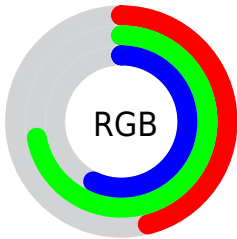
Format	Color
RYB	118, 164, 183
Decimal	7780241
CIELab	69.30, -29.08, 12.85
CIElCh	69, 31.797, 156.159
Yxy	39.7629, 0.2888, 0.3891
Android (android.graphics.Color)	4285970321 (0xFF76B791)
YUV	159.2330, -7.0169, -36.1613
Hunter-Lab	63.0578, -26.8004, 13.1993

Details

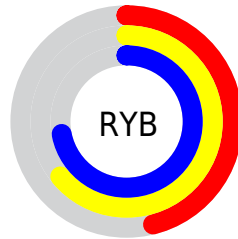
The YUV color **159.2330, -7.0169, -36.1613** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **141.7670, 7.0169, 36.1613**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4070, -7.5957, -37.1909**, and **106.7600, -6.2907, -35.7465** is the 20% darker color. If you saturate the color by 10%, you get **152.5970, -9.1683, -46.1276**, and if you desaturate by 10%, it is **165.8690, -4.8654, -26.1951**.

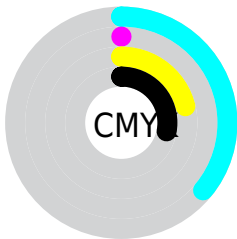
Distribution



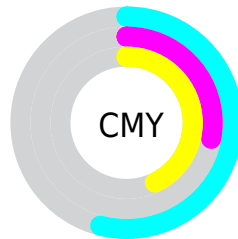
- Red (46%)
- Green (72%)
- Blue (57%)



- Red (46%)
- Yellow (64%)
- Blue (72%)



- Cyan (36%)
- Magenta (0%)
- Yellow (21%)
- Black (28%)




- Cyan (54%)
- Magenta (28%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.2330, -7.0169, -36.1613 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 159.2330, -7.0169, -36.1613 by changing the saturation by 10% instead.

 159.2330, -7.0169,
-36.1613

 159.2330, -7.0169,
-36.1613


255.0000, 0.0000,
0.0000


 132.6460, -6.7275,
-35.6465


 214.4070, -7.5957,
-37.1909


 106.7600, -6.2907,
-35.7465


 235.3630, -4.1230,
-31.0134

 81.1020, -4.9803,
-36.0465

 247.2260, 3.8326,
-15.9842

 55.1230, -3.5116,
-40.4499

 35.9500, -4.4124,
-31.5282

 20.6590, -9.6919,
-18.1179

 0.0000, 0.0000,

0.0000

■ 159.2330, -7.0169,
-36.1613

■ 159.2330, -7.0169,
-36.1613

■ 152.5970, -9.1683,
-46.1276

■ 165.8690, -4.8654,
-26.1951

■ 145.7760,
-10.7356, -56.8086

■ 172.6900, -3.2982,
-15.5141

■ 139.1400,
-12.8870, -66.7748

■ 179.3260, -1.1467,
-5.5479

■ 132.5040,
-15.0385, -76.7410

■ 185.9620, 1.0047,
4.4183

■ 125.6830,
-16.6057, -87.4220

■ 192.7830, 2.5720,
15.0993

■ 119.0470,
-18.7572, -97.3882

■ 199.4190, 4.7234,
25.0655

■ 116.0850,
-19.7619, -101.8065

■ 206.0550, 6.8749,
35.0318

■ 210.0000, 10.3530,
39.4650

■ 211.1400, 14.7210,
38.4652

Harmonies

Analogous

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



163.8420, -20.6281, -10.3854



159.2330, -7.0169, -36.1613



154.1450, 9.7885, -59.7632

Triad

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



159.2330, -7.0169, -36.1613



167.4140, 28.8829, -24.0421



171.2310, -16.8759, 46.2784

Complementary

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



159.2330, -7.0169, -36.1613



141.7670, 7.0169, 36.1613

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.



172.2600, -4.0722, 46.2530



159.2330, -7.0169, -36.1613



172.6630, 21.3651, 7.3115

Square

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



159.2330, -7.0169, -36.1613



158.6830, 30.7223, -54.0960



173.7280, 9.5011, 32.6875



169.7490, -26.0053, 34.4231

Rectangle

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



159.2330, -7.0169, -36.1613



151.9510, 20.7302, -69.2400



173.7280, 9.5011, 32.6875



171.5670, -13.0975, 47.7377

Sweetspot

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



159.2330, -7.0169, -36.1613



227.5160, -2.7194, -14.4845



167.8160, -24.5593, -9.4856



114.1900, -1.5727, -8.9366



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.



159.2330, -7.0169, -36.1613



199.7760, -10.7356, -56.8086



162.8810, 6.9607, -39.3606



88.6250, -1.2941, -4.9331



98.9820, -16.7531, -86.8072



17.8040, -2.8614, -15.6141

Inverse Universe

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



141.7670, 7.0169, 36.1613



172.3380, 11.1724, 56.7086



138.2330, -6.5239, 39.2607



86.2610, 0.8573, 5.0331



57.0180, 16.7531, 86.8072



10.1960, 2.8614, 15.6141

Previews

White Background



This preview shows how the YUV color 159.2330, -7.0169, -36.1613 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 159.2330, -7.0169, -36.1613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

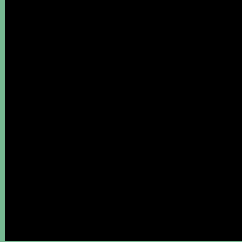
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.2330, -7.0169, -36.1613

Background



This preview shows how black text looks on a background with the YUV color 159.2330, -7.0169, -36.1613.



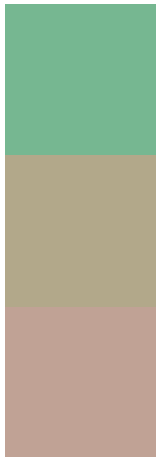
This preview shows how white text looks on a background with the YUV color 159.2330, -7.0169,

-36.1613.

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

159.2330, -7.0169, -36.1613

Protanopia

167.5700, -14.5780, 9.1471

Deuteranopia

169.4880, -10.1006, 19.7430



Tritanopia

163.9450, 13.3381, -31.5238

Trichromacy



Original Color

159.2330, -7.0169, -36.1613

Protanomaly

164.2690, -11.4716, -7.2519

Deuteranomaly

165.9970, -8.8725, -0.8744

Tritanomaly

161.9850, 5.9234, -33.3128

Monochromacy



Original Color

159.2330, -7.0169, -36.1613

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.2280, -2.5774, -13.3550

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2330, -7.0169, -36.1613 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, 183, 145)` looks like.

```
.text, #text, p{  
    color:rgb(118, 183, 145)  
}
```

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, 183, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 183, 145) }
```

Border

The CSS property to change the border of an element to YUV 159.2330, -7.0169, -36.1613 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, 183, 145) }
```


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

```
.border{ border-color:rgb(118, 183, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 183, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 183, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 183, 145);  
box-shadow:4px 4px 4px 4px rgb(118, 183,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 159.2330, -7.0169, -36.1613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 183, 145) }
```

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

```
.background{ background-color: rgb(118,  
183, 145) }
```

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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