

Converting Colors

YUV(159.2620, 5.7868,
-36.1868)

Have a look what the booklet for
YUV(159.2620, 5.7868, -36.1868)
contains.

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Color

**YUV(159.2620, 5.7868,
-36.1868)**

Conversions

Conversions Part 1

Format	Color
Hex	76B2AB
RGB	118, 178, 171
RGB Percent	46%, 70%, 67%
CMY	0.5373, 0.3020, 0.3294
CMYK	0.34, 0.00, 0.04, 0.30
HSL	173°, 28%, 58%
HSV	173°, 34%, 70%
XYZ	30.7423, 38.6326, 44.3646
YIQ	159.2620, -33.5130, -14.8970

Conversions

Conversions Part 2

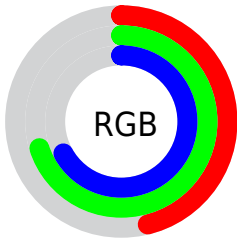
Format	Color
RYB	118, 150, 178
Decimal	7778987
CIELab	68.48, -20.94, -2.61
CIELCh	68, 21.101, 187.100
Yxy	38.6326, 0.2703, 0.3397
Android (android.graphics.Color)	4285969067 (0xFF76B2AB)
YUV	159.2620, 5.7868, -36.1868
Hunter-Lab	62.1551, -20.4844, 1.1890

Details

The YUV color **159.2620, 5.7868, -36.1868** is a light color, and the websafe version is hex **669999**. A complement of this color would be **136.7380, -5.7868, 36.1868**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.5500, 5.6448, -37.3164**, and **106.6750, 6.0762, -35.6720** is the 20% darker color. If you saturate the color by 10%, you get **153.6520, 7.5666, -47.0528**, and if you desaturate by 10%, it is **164.8720, 4.0071, -25.3207**.

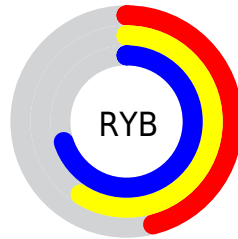
Distribution



Red (46%)

Green (70%)

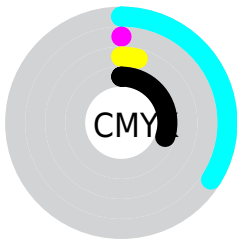
Blue (67%)



Red (46%)

Yellow (59%)

Blue (70%)

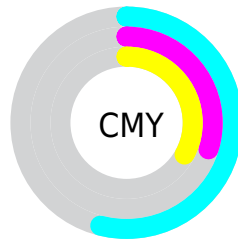


Cyan (34%)

Magenta (0%)

Yellow (4%)

Black (30%)



Cyan (54%)

Magenta (30%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.2620, 5.7868, -36.1868 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 159.2620, 5.7868, -36.1868 by changing the saturation by 10% instead.

■ 159.2620, 5.7868,
-36.1868

■ 159.2620, 5.7868,
-36.1868

255.0000, 0.0000,
0.0000

■ 132.6750, 6.0762,
-35.6720

■ 214.5500, 5.6448,
-37.3164

■ 106.6750, 6.0762,
-35.6720

■ 238.5550, 8.1074,
-33.8127

■ 81.3760, 6.2236,
-36.2868

■ 247.2260, 3.8326,
-15.9842

■ 54.7990, 7.9871,
-41.9197

■ 36.5830, 5.6286,
-32.0833

■ 21.8620, 2.5330,
-19.1730

■ 0.0000, 0.0000,

0.0000

■ 159.2620, 5.7868,
-36.1868

■ 159.2620, 5.7868,
-36.1868

■ 153.6520, 7.5666,
-47.0528

■ 164.8720, 4.0071,
-25.3207

■ 148.0420, 9.3463,
-57.9188

■ 170.4820, 2.2274,
-14.4547

■ 142.7310, 10.9786,
-68.1701

■ 175.7930, 0.5951,
-4.2035

■ 137.1210, 12.7583,
-79.0361

■ 181.4030, -1.1847,
6.6626

■ 131.5110, 14.5381,
-89.9021

■ 187.0130, -2.9644,
17.5286

■ 125.9010, 16.3178,
-100.7682

■ 192.6230, -4.7441,
28.3946

■ 122.3840, 17.0657,
-107.3308

■ 198.3470, -6.0871,
39.1607

■ 202.1630, -6.9824,
46.3380

■ 202.3910, -6.1088,
46.1381

Harmonies

Analogous

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



161.2930, -4.5814, -23.9360



159.2620, 5.7868, -36.1868



159.5310, 14.5282, -39.9307

Triad

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



159.2620, 5.7868, -36.1868



169.5890, 13.5136, 5.6224



167.5610, -17.5316, 23.1870

Complementary

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



159.2620, 5.7868, -36.1868



136.7380, -5.7868, 36.1868

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.



169.3970, -12.0277, 31.2238



159.2620, 5.7868, -36.1868



170.3370, 5.7499, 22.5065

Square

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



159.2620, 5.7868, -36.1868



166.5480, 18.9568, -13.6356



169.9870, -3.4446, 31.5834



165.6580, -18.0724, 9.9469

Rectangle

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



159.2620, 5.7868, -36.1868



161.4760, 18.0063, -35.4975



169.9870, -3.4446, 31.5834



168.3380, -15.9426, 26.8906

Sweetspot

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



159.2620, 5.7868, -36.1868



224.7810, 2.0800, -13.8399



155.3130, -18.3953, -26.5845



112.7000, 1.6269, -8.5069



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.



159.2620, 5.7868, -36.1868



202.9390, 8.9041, -56.0745



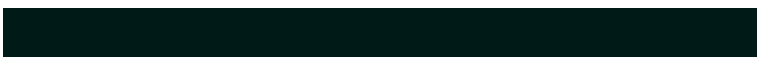
146.5590, 15.5004, -25.0462



86.1950, 0.8899, -5.4330



105.2010, 14.6909, -92.2613



17.8840, 2.5222, -15.6843

Inverse Universe

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



136.7380, -5.7868, 36.1868



168.0610, -8.9041, 56.0745



149.4410, -15.5004, 25.0462



82.8050, -0.8899, 5.4330



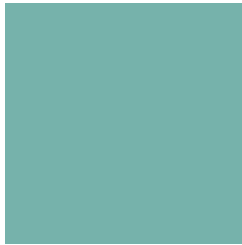
47.7990, -14.6909, 92.2613



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 159.2620, 5.7868, -36.1868 looks on a white background.

Color Contrast Check

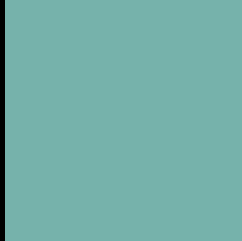
Large Text (above 18pt) WCAG AA × Fail

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 159.2620, 5.7868, -36.1868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

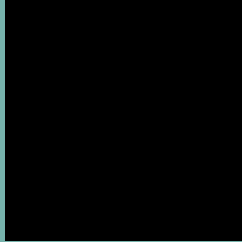
Any Text WCAG AA ✓ Pass

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 159.2620, 5.7868, -36.1868 Background



This preview shows how black text looks on a background with the YUV color 159.2620, 5.7868, -36.1868.



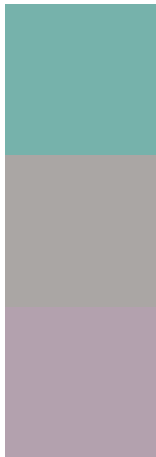
This preview shows how white text looks on a background with the YUV color 159.2620, 5.7868, -36.1868.

-36.1868.

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

159.2620, 5.7868, -36.1868

Protanopia

166.9680, -1.4632, 2.6591

Deuteranopia

167.8640, 3.0250, 9.7663



Tritanopia

160.7490, 13.9277, -33.9829

Trichromacy



Original Color

159.2620, 5.7868, -36.1868

Protanomaly

163.9770, 1.4903, -11.3808

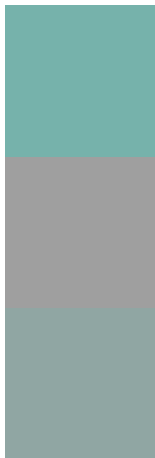
Deuteranomaly

164.6940, 4.0949, -6.7476

Tritanomaly

160.2390, 10.7282, -34.4126

Monochromacy



Original Color

159.2620, 5.7868, -36.1868

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0800, 1.9326, -13.2252

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2620, 5.7868, -36.1868 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, 178, 171)` looks like.

```
.text, #text, p{  
    color:rgb(118, 178, 171)  
}
```

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, 178, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 178, 171) }
```

Border

The CSS property to change the border of an element to YUV 159.2620, 5.7868, -36.1868 is called "border". The border property can be set on classes, ids or directly on the HTML element.

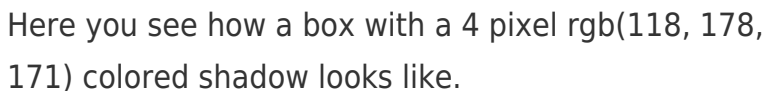
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 178, 171) }
```


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

```
.border{ border-color:rgb(118, 178, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 178, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 178, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 178, 171); box-shadow:4px 4px 4px 4px rgb(118, 178, 171) }
```

Background

The CSS property to change the background color of an element to YUV 159.2620, 5.7868, -36.1868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 178, 171) }
```

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

```
.background{ background-color: rgb(118,  
178, 171) }
```

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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