

Converting Colors

YUV(159.2740, 4.3019,
-26.5503)

Have a look what the booklet for
YUV(159.2740, 4.3019, -26.5503)
contains.

YUV(159.2740, 4.3019, -26.5503)	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(159.2740, 4.3019,
-26.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	81ADA8
RGB	129, 173, 168
RGB Percent	51%, 68%, 66%
CMY	0.4941, 0.3216, 0.3412
CMYK	0.25, 0.00, 0.03, 0.32
HSL	173°, 21%, 59%
HSV	173°, 25%, 68%
XYZ	31.0647, 37.3814, 42.6238
YIQ	159.2740, -24.6190, -10.8830

Conversions

Conversions Part 2

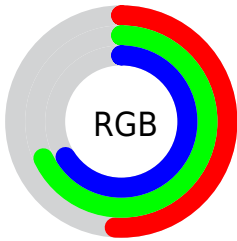
Format	Color
RYB	129, 152, 173
Decimal	8498600
CIELab	67.56, -15.77, -2.23
CIELCh	68, 15.926, 188.059
Yxy	37.3814, 0.2797, 0.3366
Android (android.graphics.Color)	4286688680 (0xFF81ADA8)
YUV	159.2740, 4.3019, -26.5503
Hunter-Lab	61.1403, -16.3018, 1.4644

Details

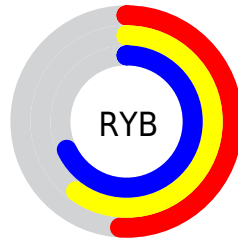
The YUV color **159.2740, 4.3019, -26.5503** is a light color, and the websafe version is hex **669999**. A complement of this color would be **142.7260, -4.3019, 26.5503**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.5620, 4.1599, -27.6799**, and **107.5730, 4.1545, -25.9355** is the 20% darker color. If you saturate the color by 10%, you get **153.9630, 5.9342, -36.8016**, and if you desaturate by 10%, it is **164.5850, 2.6696, -16.2990**.

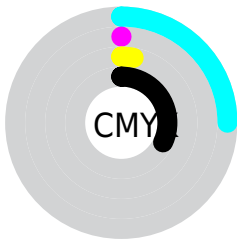
Distribution



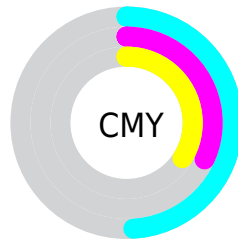
- Red (51%)
- Green (68%)
- Blue (66%)



- Red (51%)
- Yellow (60%)
- Blue (68%)



- Cyan (25%)
- Magenta (0%)
- Yellow (3%)
- Black (32%)



- Cyan (49%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.2740, 4.3019, -26.5503 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 159.2740, 4.3019, -26.5503 by changing the saturation by 10% instead.

■ 159.2740, 4.3019,
-26.5503

■ 159.2740, 4.3019,
-26.5503

255.0000, 0.0000,
0.0000

■ 132.6870, 4.5913,
-26.0355

■ 214.5620, 4.1599,
-27.6799

■ 107.5730, 4.1545,
-25.9355

■ 241.5020, 5.1755,
-26.7503

■ 82.9860, 4.4439,
-25.4207

■ 250.2160, 2.3585,
-9.8364

■ 58.6870, 4.5913,
-26.0355

■ 34.9040, 5.4703,
-27.9798

■ 19.8730, 2.5276,
-17.4286

■ 0.0000, 0.0000,

0.0000

■ 159.2740, 4.3019,
-26.5503

■ 159.2740, 4.3019,
-26.5503

■ 153.9630, 5.9342,
-36.8016

■ 164.5850, 2.6696,
-16.2990

■ 148.3530, 7.7140,
-47.6676

■ 170.1950, 0.8899,
-5.4330

■ 143.0420, 9.3463,
-57.9188

■ 175.5060, -0.7425,
4.8182

■ 137.7310, 10.9786,
-68.1701

■ 180.8170, -2.3748,
15.0695

■ 132.1210, 12.7583,
-79.0361

■ 186.4270, -4.1545,
25.9355

■ 126.8100, 14.3907,
-89.2874

■ 191.7380, -5.7868,
36.1868

■ 121.4990, 16.0230,
-99.5386

■ 197.0490, -7.4192,
46.4380

■ 118.9930, 16.7655,
-104.3569

■ 198.7720, -7.2826,
49.3120

■ 199.0000, -6.4090,
49.1120

Harmonies

Analogous

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



160.2660, -3.5821, -17.7733



159.2740, 4.3019, -26.5503



159.6850, 11.0013, -28.6647

Triad

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



159.2740, 4.3019, -26.5503



166.6660, 10.0247, 4.6779



164.9670, -13.2947, 17.5689

Complementary

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



159.2740, 4.3019, -26.5503



142.7260, -4.3019, 26.5503

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.



166.3360, -9.5326, 24.2613



159.2740, 4.3019, -26.5503



167.5490, 4.1663, 17.0585

Square

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



159.2740, 4.3019, -26.5503



164.3160, 14.1412, -9.0471



167.3450, -3.1281, 23.3764



163.7870, -13.6990, 7.2028

Rectangle

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



159.2740, 4.3019, -26.5503



160.6900, 13.4638, -25.1611



167.3450, -3.1281, 23.3764



165.9180, -12.2846, 20.2429

Sweetspot

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



159.2740, 4.3019, -26.5503



218.3900, 1.7797, -10.8660



156.3230, -13.4702, -19.5773



108.5970, 1.1847, -6.6626



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



159.2740, 4.3019, -26.5503



202.4570, 6.6767, -41.6198



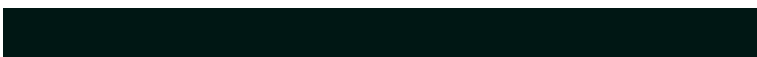
149.8650, 11.4056, -18.2986



84.1950, 0.8899, -5.4330



103.2120, 14.6855, -90.5169



15.7810, 2.0800, -13.8399

Inverse Universe

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



142.7260, -4.3019, 26.5503



176.5430, -6.6767, 41.6198



152.1350, -11.4056, 18.2986



80.8050, -0.8899, 5.4330



46.7880, -14.6855, 90.5169



7.2190, -2.0800, 13.8399

Previews

White Background



This preview shows how the YUV color 159.2740, 4.3019, -26.5503 looks on a white background.

Color Contrast Check

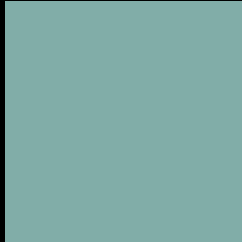
Large Text (above 18pt) WCAG AA × Fail

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 159.2740, 4.3019, -26.5503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

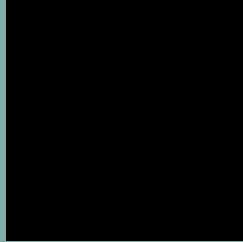
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.2740, 4.3019, -26.5503

Background



This preview shows how black text looks on a background with the YUV color 159.2740, 4.3019, -26.5503.

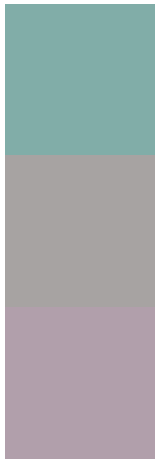


This preview shows how white text looks on a background with the YUV color 159.2740, 4.3019, -26.5503.

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

159.2740, 4.3019, -26.5503

Protanopia

164.0820, -1.0264, 2.5591

Deuteranopia

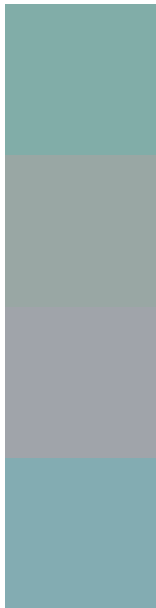
165.7500, 2.5882, 9.8663



Tritanopia

160.8210, 11.4272, -25.2760

Trichromacy



Original Color

159.2740, 4.3019, -26.5503

Protanomaly

162.4720, 0.7533, -8.3069

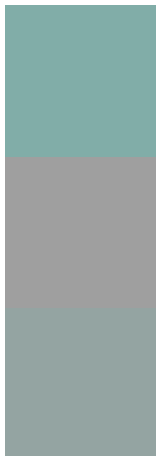
Deuteranomaly

163.4880, 3.2104, -3.0590

Tritanomaly

160.4250, 8.6645, -25.8057

Monochromacy



Original Color

159.2740, 4.3019, -26.5503

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9880, 1.4849, -9.6365

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2740, 4.3019, -26.5503 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(129, 173, 168)` looks like.

```
.text, #text, p{  
    color:rgb(129, 173, 168)  
}
```

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(129, 173, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 173, 168) }
```

Border

The CSS property to change the border of an element to YUV 159.2740, 4.3019, -26.5503 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(129, 173, 168) }
```


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

```
.border{ border-color:rgb(129, 173, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 173, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 173, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 173, 168);  
box-shadow:4px 4px 4px 4px rgb(129, 173,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 159.2740, 4.3019, -26.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 173, 168) }
```

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

```
.background{ background-color: rgb(129,  
173, 168) }
```

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