

Converting Colors

YUV(159.9240, -1.4415, -4.3183)

Have a look what the booklet for
YUV(159.9240, -1.4415, -4.3183)
contains.

YUV(159.9240, -1.4415, -4.3183)	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(159.9240, -1.4415,
-4.3183)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA39D
RGB	155, 163, 157
RGB Percent	61%, 64%, 62%
CMY	0.3922, 0.3608, 0.3843
CMYK	0.05, 0.00, 0.04, 0.36
HSL	135°, 4%, 62%
HSV	135°, 5%, 64%
XYZ	32.7006, 35.5973, 37.0457
YIQ	159.9240, -2.8420, -3.5620

Conversions

Conversions Part 2

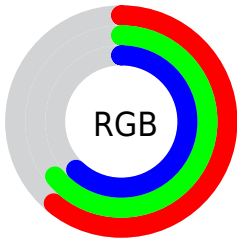
Format	Color
RYB	155, 161, 163
Decimal	10199965
CIELab	66.21, -4.00, 2.12
CIElCh	66, 4.529, 152.086
Yxy	35.5973, 0.3104, 0.3379
Android (android.graphics.Color)	4288390045 (0xFF9BA39D)
YUV	159.9240, -1.4415, -4.3183
Hunter-Lab	59.6634, -6.5781, 4.9505

Details

The YUV color **159.9240, -1.4415, -4.3183** is a light color, and the websafe version is hex **999999**. A complement of this color would be **158.0760, 1.4415, 4.3183**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6250, -1.2941, -4.9331**, and **108.3370, -1.1521, -3.8035** is the 20% darker color. If you saturate the color by 10%, you get **153.7720, -4.3246, -12.9550**, and if you desaturate by 10%, it is **166.0760, 1.4415, 4.3183**.

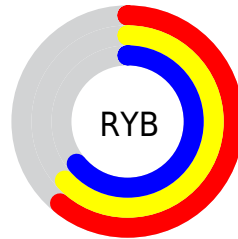
Distribution



Red (61%)

Green (64%)

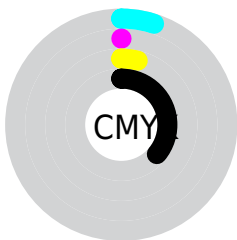
Blue (62%)



Red (61%)

Yellow (63%)

Blue (64%)

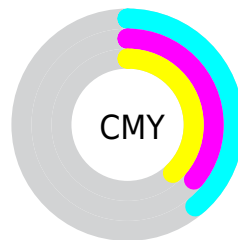


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (39%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.9240, -1.4415, -4.3183 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 159.9240, -1.4415, -4.3183 by changing the saturation by 10% instead.

■ 159.9240, -1.4415,
-4.3183

■ 159.9240, -1.4415,
-4.3183

255.0000, 0.0000,
0.0000

■ 133.9240, -1.4415,
-4.3183

■ 214.6250, -1.2941,
-4.9331

■ 108.3370, -1.1521,
-3.8035

■ 242.9240, -1.4415,
-4.3183

■ 84.3370, -1.1521,
-3.8035

■ 61.3370, -1.1521,
-3.8035

■ 39.3370, -1.1521,
-3.8035

■ 18.9240, -1.4415,
-4.3183

■ 0.0000, 0.0000,

0.0000

■ 159.9240, -1.4415,
-4.3183

■ 159.9240, -1.4415,
-4.3183

■ 153.7720, -4.3246,
-12.9550

■ 166.0760, 1.4415,
4.3183

■ 147.3210, -7.0603,
-22.2065

■ 172.5270, 4.1772,
13.5698

■ 141.0550,
-10.3801, -30.7432

■ 178.7930, 7.4971,
22.1065

■ 134.9030,
-13.2632, -39.3799

■ 184.9450, 10.3801,
30.7432

■ 128.4520,
-15.9988, -48.6314

■ 191.0970, 13.2632,
39.3799

■ 122.3000,
-18.8819, -57.2681

■ 197.5480, 15.9988,
48.6314

■ 116.0340,
-22.2018, -65.8048

■ 199.6280, 21.3824,
48.5612

■ 109.8820,
-25.0848, -74.4415

■ 200.9960, 26.6240,
47.3615

■ 103.4310,
-27.8205, -83.6930

Harmonies

Analogous

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



160.1910, -3.0522, -1.0445



159.9240, -1.4415, -4.3183



159.4830, 0.7479, -6.5626

Triad

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



159.9240, -1.4415, -4.3183



160.7160, 4.0840, -3.2589



162.0610, -2.4951, 6.9625

Complementary

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



159.9240, -1.4415, -4.3183



158.0760, 1.4415, 4.3183

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.



161.6310, -0.3111, 6.4626



159.9240, -1.4415, -4.3183



161.5100, 3.1996, 0.4297

Square

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



159.9240, -1.4415, -4.3183



159.9930, 3.9475, -6.1329



162.0760, 1.4415, 4.3183



161.1210, -3.5107, 6.0329

Rectangle

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



159.9240, -1.4415, -4.3183



159.5260, 2.2057, -7.4773



162.0760, 1.4415, 4.3183



161.5880, -1.7689, 7.3773

Sweetspot

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



159.9240, -1.4415, -4.3183



211.1740, -0.5788, -1.0296



161.4900, -3.1996, -0.4297



106.5870, -0.2894, -0.5148



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



159.9240, -1.4415, -4.3183



206.9730, -2.4517, -6.9923



160.3800, 0.3057, -4.7183



79.6360, -1.2995, -3.1888



89.2190, -26.2370, -78.2451



11.0220, -3.4618, -9.6663

Inverse Universe

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



158.0760, 1.4415, 4.3183



203.9130, 2.0149, 7.0923



157.6200, -0.3057, 4.7183



78.2500, 0.8628, 3.2887



55.7810, 26.2370, 78.2451



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 159.9240, -1.4415, -4.3183 looks on a white background.

Color Contrast Check

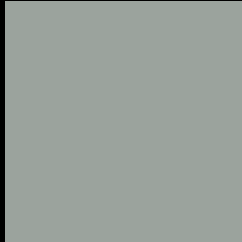
Large Text (above 18pt) WCAG AA × Fail

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 159.9240, -1.4415, -4.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

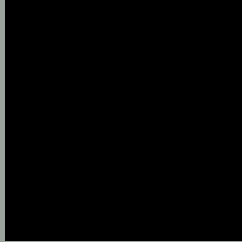
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.9240, -1.4415, -4.3183

Background



This preview shows how black text looks on a background with the YUV color 159.9240, -1.4415, -4.3183.



This preview shows how white text looks on a background with the YUV color 159.9240, -1.4415, -4.3183.

-4.3183.

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

159.9240, -1.4415, -4.3183

Protanopia

160.9250, -2.9210, 3.5738

Deuteranopia

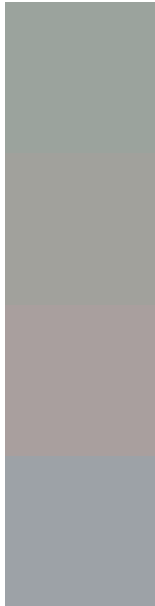
162.5070, -2.2220, 12.7104



Tritanopia

161.4710, 5.6838, -3.0441

Trichromacy



Original Color

159.9240, -1.4415, -4.3183

Protanomaly

160.4300, -2.1840, 0.4999

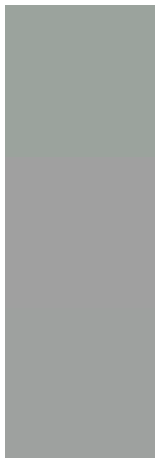
Deuteranomaly

161.8760, -1.9109, 6.2477

Tritanomaly

161.0750, 2.9210, -3.5738

Monochromacy



Original Color

159.9240, -1.4415, -4.3183

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8750, -0.4314, -1.6444

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9240, -1.4415, -4.3183 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(155, 163, 157)` looks like.

```
.text, #text, p{  
    color:rgb(155, 163, 157)  
}
```

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(155, 163, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 163, 157) }
```

Border

The CSS property to change the border of an element to YUV 159.9240, -1.4415, -4.3183 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(155, 163, 157) }
```


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

```
.border{ border-color:rgb(155, 163, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 163, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 163, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 163, 157);  
box-shadow:4px 4px 4px 4px rgb(155, 163,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 159.9240, -1.4415, -4.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 163, 157) }
```

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

```
.background{ background-color: rgb(155,  
163, 157) }
```

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