

Converting Colors

YUV(159.0320, -5.4388,
-28.9691)

Have a look what the booklet for
YUV(159.0320, -5.4388, -28.9691)
contains.

YUV(159.0320, -5.4388, -28.9691)	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(159.0320, -5.4388,
-28.9691)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB294
RGB	126, 178, 148
RGB Percent	49%, 70%, 58%
CMY	0.5059, 0.3020, 0.4196
CMYK	0.29, 0.00, 0.17, 0.30
HSL	145°, 25%, 60%
HSV	145°, 29%, 70%
XYZ	29.8699, 38.4145, 33.8574
YIQ	159.0320, -21.3620, -20.3540

Conversions

Conversions Part 2

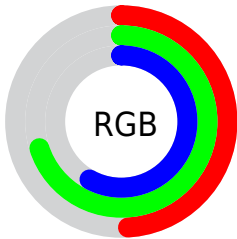
Format	Color
RYB	126, 163, 178
Decimal	8303252
CIELab	68.33, -23.53, 9.89
CIElCh	68, 25.525, 157.199
Yxy	38.4145, 0.2924, 0.3761
Android (android.graphics.Color)	4286493332 (0xFF7EB294)
YUV	159.0320, -5.4388, -28.9691
Hunter-Lab	61.9795, -22.4392, 10.9974

Details

The YUV color **159.0320, -5.4388, -28.9691** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **144.9680, 5.4388, 28.9691**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.2060, -6.0176, -29.9987**, and **106.8580, -4.8600, -27.9395** is the 20% darker color. If you saturate the color by 10%, you get **152.5100, -7.1534, -39.0353**, and if you desaturate by 10%, it is **165.5540, -3.7241, -18.9029**.

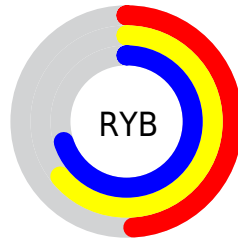
Distribution



Red (49%)

Green (70%)

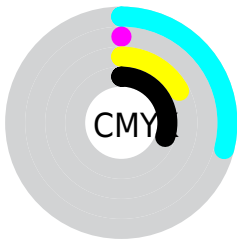
Blue (58%)



Red (49%)

Yellow (64%)

Blue (70%)

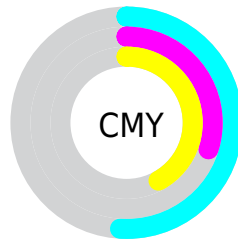


Cyan (29%)

Magenta (0%)

Yellow (17%)

Black (30%)



Cyan (51%)

Magenta (30%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.0320, -5.4388, -28.9691 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 159.0320, -5.4388, -28.9691 by changing the saturation by 10% instead.

■ 159.0320, -5.4388,
-28.9691

■ 159.0320, -5.4388,
-28.9691

255.0000, 0.0000,
0.0000

■ 132.4450, -5.1494,
-28.4543

■ 214.2060, -6.0176,
-29.9987

■ 106.8580, -4.8600,
-27.9395

■ 238.0970, -3.9918,
-26.3951

■ 82.0860, -3.9864,
-28.1394

■ 249.3190, 2.8007,
-11.6808

■ 58.2000, -3.5496,
-28.2394

■ 34.5310, -2.2338,
-30.2837

■ 19.3540, -7.0765,
-16.9735

■ 0.0000, 0.0000,

0.0000

■ 159.0320, -5.4388,
-28.9691

■ 159.0320, -5.4388,
-28.9691

■ 152.5100, -7.1534,
-39.0353

■ 165.5540, -3.7241,
-18.9029

■ 145.8740, -9.3049,
-49.0015

■ 172.1900, -1.5727,
-8.9366

■ 139.6510,
-11.1669, -58.4529

■ 178.4130, 0.2894,
0.5148

■ 133.1290,
-12.8816, -68.5191

■ 184.9350, 2.0040,
10.5810

■ 126.6070,
-14.5963, -78.5853

■ 191.4570, 3.7187,
20.6472

■ 119.9710,
-16.7477, -88.5516

■ 198.0930, 5.8702,
30.6134

■ 113.4490,
-18.4624, -98.6178

■ 204.6150, 7.5848,
40.6796

■ 113.0360,
-18.7517, -99.1326

■ 206.9510, 11.3632,
42.1390

■ 208.0910, 15.7311,
41.1392

Harmonies

Analogous

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



162.2920, -16.4130, -9.0261



159.0320, -5.4388, -28.9691



156.3640, 7.7085, -45.9232

Triad

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



159.0320, -5.4388, -28.9691



165.8510, 22.7515, -17.4093



168.8600, -14.2280, 36.9568

Complementary

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



159.0320, -5.4388, -28.9691



144.9680, 5.4388, 28.9691

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.



170.2050, -4.0451, 37.5312



159.0320, -5.4388, -28.9691



169.3980, 16.5658, 6.6670

Square

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



159.0320, -5.4388, -28.9691



160.2350, 23.5481, -39.6711



170.4130, 7.1914, 26.8248



167.0840, -20.7474, 27.9903

Rectangle

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



159.0320, -5.4388, -28.9691



155.6930, 15.4344, -50.5968



170.4130, 7.1914, 26.8248



169.0820, -10.8864, 38.5161

Sweetspot

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



159.0320, -5.4388, -28.9691



224.3530, -2.1460, -11.7106



165.4940, -19.4705, -8.3262



112.3150, -1.1413, -7.2923



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.



159.0320, -5.4388, -28.9691



202.4230, -8.5895, -45.0980



161.9960, 5.9180, -31.5685



85.7390, -0.8573, -5.0331



97.2210, -15.8850, -85.2628



16.5160, -2.7194, -14.4845

Inverse Universe

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



144.9680, 5.4388, 28.9691



180.5770, 8.5895, 45.0980



142.0040, -5.9180, 31.5685



83.2610, 0.8573, 5.0331



55.7790, 15.8850, 85.2628



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 159.0320, -5.4388, -28.9691 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 159.0320, -5.4388, -28.9691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

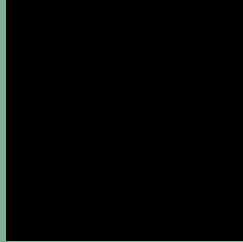
Any Text WCAG AA ✓ Pass

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 159.0320, -5.4388, -28.9691 Background



This preview shows how black text looks on a background with the YUV color 159.0320, -5.4388, -28.9691.



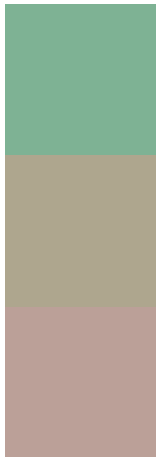
This preview shows how white text looks on a background with the YUV color 159.0320, -5.4388, -28.9691.

-28.9691.

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

159.0320, -5.4388, -28.9691

Protanopia

165.6560, -11.6624, 7.3177

Deuteranopia

167.1610, -7.4744, 17.3988



Tritanopia

162.8210, 11.4272, -25.2760

Trichromacy



Original Color

159.0320, -5.4388, -28.9691

Protanomaly

163.1490, -9.4405, -5.3927

Deuteranomaly

164.5780, -6.6940, 0.3701

Tritanomaly

161.5020, 5.1755, -26.7503

Monochromacy



Original Color

159.0320, -5.4388, -28.9691

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0650, -2.0040, -10.5810

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.0320, -5.4388, -28.9691 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(126, 178, 148)` looks like.

```
.text, #text, p{  
    color:rgb(126, 178, 148)  
}
```

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(126, 178, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 178, 148) }
```

Border

The CSS property to change the border of an element to YUV 159.0320, -5.4388, -28.9691 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(126, 178, 148) }
```


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

```
.border{ border-color:rgb(126, 178, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 178, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 178, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 178, 148);  
box-shadow:4px 4px 4px 4px rgb(126, 178,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 159.0320, -5.4388, -28.9691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 178, 148) }
```

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

```
.background{ background-color: rgb(126,  
178, 148) }
```

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