

Converting Colors

YUV(119.2990, -3.5984,
-12.5402)

Have a look what the booklet for
YUV(119.2990, -3.5984, -12.5402)
contains.

YUV(119.2990, -3.5984, -12.5402)	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(119.2990, -3.5984,
-12.5402)**

Conversions

Conversions Part 1

Format	Color
Hex	698070
RGB	105, 128, 112
RGB Percent	41%, 50%, 44%
CMY	0.5882, 0.4980, 0.5608
CMYK	0.18, 0.00, 0.12, 0.50
HSL	138°, 10%, 46%
HSV	138°, 18%, 50%
XYZ	16.4695, 19.6115, 18.2466
YIQ	119.2990, -8.5720, -9.8520

Conversions

Conversions Part 2

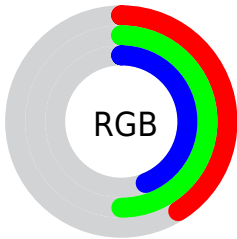
Format	Color
RYB	105, 123, 128
Decimal	6914160
CIELab	51.40, -11.74, 5.93
CIElCh	51, 13.158, 153.196
Yxy	19.6115, 0.3032, 0.3610
Android (android.graphics.Color)	4285104240 (0xFF698070)
YUV	119.2990, -3.5984, -12.5402
Hunter-Lab	44.2848, -11.1144, 6.5702

Details

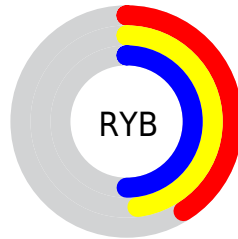
The YUV color $119.2990, -3.5984, -12.5402$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $113.7010, 3.5984, 12.5402$, and the grayscale version is $119.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $171.5870, -3.7404, -13.6698$, and $70.7120, -3.3090, -12.0254$ is the 20% darker color. If you saturate the color by 10%, you get $114.3860, -5.6133, -19.6325$, and if you desaturate by 10%, it is $124.2120, -1.5835, -5.4479$.

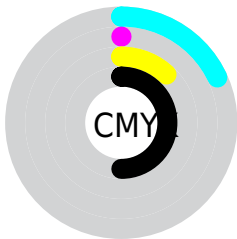
Distribution



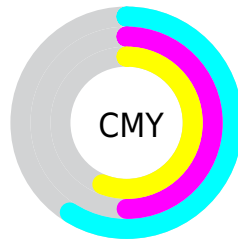
- Red (41%)
- Green (50%)
- Blue (44%)



- Red (41%)
- Yellow (48%)
- Blue (50%)



- Cyan (18%)
- Magenta (0%)
- Yellow (12%)
- Black (50%)



- Cyan (59%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.2990, -3.5984, -12.5402 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 119.2990, -3.5984, -12.5402 by changing the saturation by 10% instead.

■ 119.2990, -3.5984,
-12.5402

■ 119.2990, -3.5984,
-12.5402

■ 255.0000, 0.0000,
0.0000

■ 94.7120, -3.3090,
-12.0254

■ 171.5870, -3.7404,
-13.6698

■ 70.7120, -3.3090,
-12.0254

■ 198.5870, -3.7404,
-13.6698

■ 48.1250, -3.0196,
-11.5106

■ 227.1740, -4.0298,
-14.1846

■ 26.9510, -2.4408,
-10.4810

■ 249.6030, -1.2833,
-8.4218

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 119.2990, -3.5984,
-12.5402

■ 119.2990, -3.5984,
-12.5402

■ 114.3860, -5.6133,
-19.6325

■ 124.2120, -1.5835,
-5.4479

■ 109.4730, -7.6282,
-26.7248

■ 129.1250, 0.4314,
1.6444

■ 104.8590, -9.7905,
-33.2023

■ 133.7390, 2.5937,
8.1219

■ 99.9460, -11.8054,
-40.2946

■ 138.6520, 4.6086,
15.2142

■ 95.0330, -13.8203,
-47.3869

■ 143.5650, 6.6235,
22.3065

■ 90.2340, -15.3984,
-54.5792

■ 148.3640, 8.2015,
29.4988

■ 85.3210, -17.4133,
-61.6715


■ 153.2770, 10.2164,
36.5911

■ 80.7070, -19.5756,

■ 157.8910, 12.3787,

-68.1490

43.0686

 79.5820, -20.0069,
-69.7934

 162.8040, 14.3936,
50.1609

Harmonies

Analogous

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



121.1000, -8.4303, -2.7187



119.2990, -3.5984, -12.5402



118.4490, 2.2436, -19.6878

Triad

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



119.2990, -3.5984, -12.5402



121.9200, 11.3784, -9.5768



124.4000, -6.6062, 18.9432

Complementary

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



119.2990, -3.5984, -12.5402



113.7010, 3.5984, 12.5402

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.



124.7680, -1.3646, 17.7435



119.2990, -3.5984, -12.5402



123.6010, 8.5777, 2.1039

Square

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



119.2990, -3.5984, -12.5402



119.7510, 10.9688, -18.1986



124.5160, 4.1826, 11.8255



122.8680, -9.7949, 15.0248

Rectangle

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



119.2990, -3.5984, -12.5402



118.4640, 6.1802, -22.3319



124.5160, 4.1826, 11.8255



124.1550, -5.0064, 19.1581

Sweetspot

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



119.2990, -3.5984, -12.5402



162.6250, -1.2941, -4.9331



123.2850, -9.0145, -2.0039



82.1630, -0.5734, -2.7740



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



119.2990, -3.5984, -12.5402



151.9730, -5.9027, -20.1473



120.5530, 1.2064, -13.6400



61.3370, -1.1521, -3.8035



79.5820, -20.0069, -69.7934



0.0000, 0.0000, 0.0000

Inverse Universe

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



113.7010, 3.5984, 12.5402



143.0270, 5.9027, 20.1473



112.4470, -1.2064, 13.6400



59.6630, 1.1521, 3.8035



48.4180, 20.0069, 69.7934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 119.2990, -3.5984, -12.5402 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 119.2990, -3.5984, -12.5402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

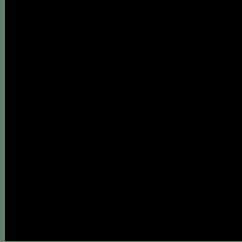
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

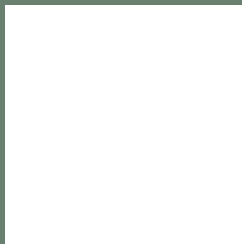
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 119.2990, -3.5984, -12.5402

Background



This preview shows how black text looks on a background with the YUV color 119.2990, -3.5984, -12.5402.



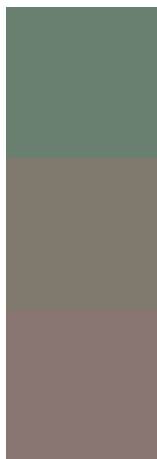
This preview shows how white text looks on a background with the YUV color 119.2990, -3.5984,

-12.5402.

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

119.2990, -3.5984, -12.5402

Protanopia

122.0130, -6.4154, 4.3736

Deuteranopia

123.2250, -4.5479, 12.0807



Tritanopia

121.3560, 6.7265, -10.8362

Trichromacy



Original Color

119.2990, -3.5984, -12.5402

Protanomaly

120.9090, -5.3781, -1.6742

Deuteranomaly

121.8710, -4.3734, 2.7441

Tritanomaly

120.7320, 3.0901, -11.1660

Monochromacy



Original Color

119.2990, -3.5984, -12.5402

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9240, -1.4415, -4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2990, -3.5984, -12.5402 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(105, 128, 112)` looks like.

```
.text, #text, p{  
    color:rgb(105, 128, 112)  
}
```

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(105, 128, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 128, 112) }
```

Border

The CSS property to change the border of an element to YUV 119.2990, -3.5984, -12.5402 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(105, 128, 112) }
```


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

```
.border{ border-color:rgb(105, 128, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 128, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 128, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 128, 112);  
box-shadow:4px 4px 4px 4px rgb(105, 128,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 119.2990, -3.5984, -12.5402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 128, 112) }
```

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

```
.background{ background-color: rgb(105,  
128, 112) }
```

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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