

Converting Colors

YUV(119.7290, 10.9796,
-21.6873)

Have a look what the booklet for
YUV(119.7290, 10.9796, -21.6873)
contains.

YUV(119.7290, 10.9796, -21.6873)	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(119.7290, 10.9796,
-21.6873)**

Conversions

Conversions Part 1

Format	Color
Hex	5F808E
RGB	95, 128, 142
RGB Percent	37%, 50%, 56%
CMY	0.6275, 0.4980, 0.4431
CMYK	0.33, 0.10, 0.00, 0.44
HSL	198°, 20%, 46%
HSV	198°, 33%, 56%
XYZ	17.3210, 19.8242, 28.5047
YIQ	119.7290, -24.1620, -2.6420

Conversions

Conversions Part 2

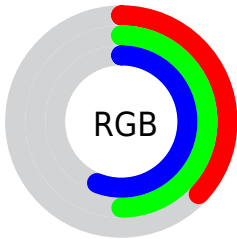
Format	Color
R _{YB}	95, 114, 142
Decimal	6258830
CIE Lab	51.64, -8.07, -11.33
CIE LCh	52, 13.905, 234.536
Yxy	19.8242, 0.2638, 0.3020
Android (android.graphics.Color)	4284448910 (0xFF5F808E)
YUV	119.7290, 10.9796, -21.6873
Hunter-Lab	44.5244, -8.4773, -6.7906

Details

The YUV color **119.7290, 10.9796, -21.6873** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **117.2710, -10.9796, 21.6873**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.5440, 11.5638, -22.4021**, and **70.6150, 10.5428, -21.5874** is the 20% darker color. If you saturate the color by 10%, you get **113.1950, 14.2009, -28.2350**, and if you desaturate by 10%, it is **126.2630, 7.7583, -15.1397**.

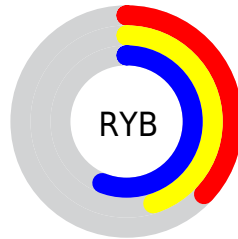
Distribution



Red (37%)

Green (50%)

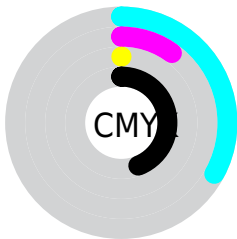
Blue (56%)



Red (37%)

Yellow (45%)

Blue (56%)

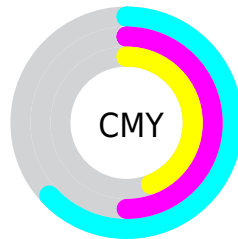


Cyan (33%)

Magenta (10%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (50%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.7290, 10.9796, -21.6873 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 119.7290, 10.9796, -21.6873 by changing the saturation by 10% instead.

■ 119.7290, 10.9796,
-21.6873

■ 119.7290, 10.9796,
-21.6873

■ 255.0000, 0.0000,
0.0000

■ 94.6150, 10.5428,
-21.5874

■ 172.5440, 11.5638,
-22.4021

■ 70.6150, 10.5428,
-21.5874

■ 199.6580, 12.0006,
-22.5021

■ 46.9030, 10.4008,
-22.7169

■ 228.2450, 11.7112,
-23.0169

■ 25.7890, 9.9640,
-22.6170

■ 247.5250, 3.6852,
-15.3694

■ 10.0080, 7.8841,
-8.7770

■ 0.0000, 0.0000,
0.0000

■ 119.7290, 10.9796,
-21.6873

■ 119.7290, 10.9796,
-21.6873

■ 113.1950, 14.2009,
-28.2350

■ 126.2630, 7.7583,
-15.1397

■ 106.6610, 17.4221,
-34.7827

■ 132.7970, 4.5371,
-8.5920

■ 99.2410, 21.0802,
-41.4304

■ 140.2170, 0.8790,
-1.9443

■ 92.7070, 24.3014,
-47.9780

■ 146.7510, -2.3422,
4.6034

■ 86.1730, 27.5227,
-54.5257

■ 153.2850, -5.5635,
11.1511

■ 79.6390, 30.7440,
-61.0734


■ 159.8190, -8.7848,
17.6987

■ 74.8880, 33.0862,
-65.6768

■ 166.9400,
-12.2954, 23.7316

■ 173.7730,

-15.6641, 30.8941

 180.3070,
-18.8854, 37.4418

Harmonies

Analogous

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



118.5670, 6.6225, -24.1763



119.7290, 10.9796, -21.6873



122.0120, 11.8261, -13.1655

Triad

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



119.7290, 10.9796, -21.6873



125.5230, 0.2352, 17.9583



121.3670, -10.0409, 0.5551

Complementary

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



119.7290, 10.9796, -21.6873



117.2710, -10.9796, 21.6873

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.



123.3790, -11.5258, 10.1916



119.7290, 10.9796, -21.6873



124.7530, -5.3012, 20.3876

Square

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



119.7290, 10.9796, -21.6873



125.2600, 5.7878, 10.2960



124.1780, -9.9478, 17.3839



119.8540, -5.3510, -10.3960

Rectangle

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



119.7290, 10.9796, -21.6873



123.2410, 11.2202, -5.4734



124.1780, -9.9478, 17.3839



121.8620, -10.7780, 3.6290

Sweetspot

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



119.7290, 10.9796, -21.6873



174.7970, 4.5371, -8.5920



124.0710, -7.9230, -25.4953



86.9500, 2.4897, -5.2181



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



119.7290, 10.9796, -21.6873



148.9600, 17.2747, -34.1679



106.2280, 17.6356, -9.8470



67.7330, 1.6106, -3.2738



71.1550, 31.4756, -62.4029



3.8470, 2.0474, -3.3738

Inverse Universe

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



112.8150, 7.4862, 25.5952



138.0540, 11.8054, 40.2946



130.7720, -17.6356, 9.8470



66.6630, 1.1521, 3.8035



51.1950, 21.5959, 73.4970



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 119.7290, 10.9796, -21.6873 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 119.7290, 10.9796, -21.6873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

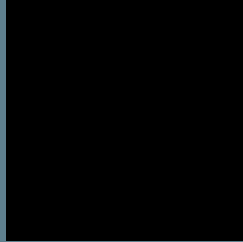
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.7290, 10.9796, -21.6873

Background



This preview shows how black text looks on a background with the YUV color 119.7290, 10.9796, -21.6873.



This preview shows how white text looks on a background with the YUV color 119.7290, 10.9796, -21.6873.

-21.6873.

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

119.7290, 10.9796, -21.6873

Protanopia

123.2260, 7.2836, -2.8292

Deuteranopia

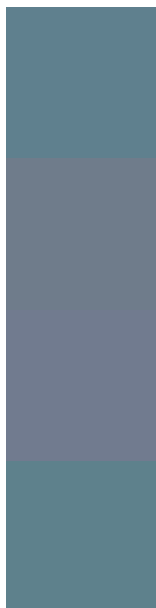
123.9320, 9.8935, 0.0596



Tritanopia

119.6750, 9.5272, -22.5170

Trichromacy



Original Color

119.7290, 10.9796, -21.6873

Protanomaly

121.8230, 8.4683, -9.4918

Deuteranomaly

122.2900, 10.2100, -8.1473

Tritanomaly

119.7890, 9.9640, -22.6170

Monochromacy



Original Color

119.7290, 10.9796, -21.6873

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9820, 3.9529, -7.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.7290, 10.9796, -21.6873 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(95, 128, 142)` looks like.

```
.text, #text, p{  
    color:rgb(95, 128, 142)  
}
```

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(95, 128, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 128, 142) }
```

Border

The CSS property to change the border of an element to YUV 119.7290, 10.9796, -21.6873 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(95, 128, 142) }
```


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

```
.border{ border-color:rgb(95, 128, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 128, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 128, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 128, 142);  
box-shadow:4px 4px 4px 4px rgb(95, 128,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 119.7290, 10.9796, -21.6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 128, 142) }
```

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

```
.background{ background-color: rgb(95, 128,  
142) }
```

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