

Converting Colors

YUV(123.1890, -0.0932,
-16.8288)

Have a look what the booklet for
YUV(123.1890, -0.0932, -16.8288)
contains.

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Color

**YUV(123.1890, -0.0932,
-16.8288)**

Conversions

Conversions Part 1

Format	Color
Hex	68857B
RGB	104, 133, 123
RGB Percent	41%, 52%, 48%
CMY	0.5922, 0.4784, 0.5176
CMYK	0.22, 0.00, 0.08, 0.48
HSL	159°, 12%, 46%
HSV	159°, 22%, 52%
XYZ	17.6716, 21.1482, 21.8895
YIQ	123.1890, -14.0740, -9.2580

Conversions

Conversions Part 2

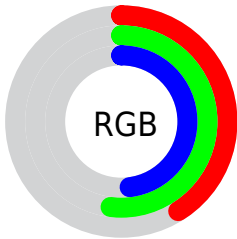
Format	Color
RYB	104, 122, 133
Decimal	6849915
CIELab	53.11, -12.52, 1.99
CIElCh	53, 12.676, 170.946
Yxy	21.1482, 0.2911, 0.3484
Android (android.graphics.Color)	4285039995 (0xFF68857B)
YUV	123.1890, -0.0932, -16.8288
Hunter-Lab	45.9871, -11.8848, 3.9694

Details

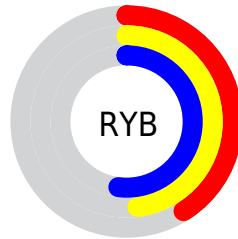
The YUV color $123.1890, -0.0932, -16.8288$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $113.8110, 0.0932, 16.8288$, and the grayscale version is $123.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.7760, -0.3826, -17.3436$, and $73.9010, 0.0488, -15.6992$ is the 20% darker color. If you saturate the color by 10%, you get $118.7320, -0.3609, -24.3210$, and if you desaturate by 10%, it is $127.6460, 0.1745, -9.3365$.

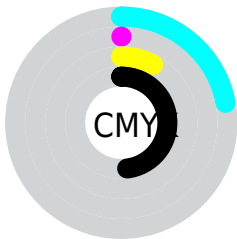
Distribution



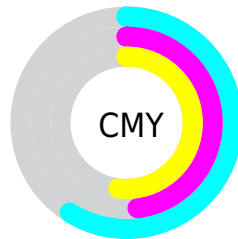
- Red (41%)
- Green (52%)
- Blue (48%)



- Red (41%)
- Yellow (48%)
- Blue (52%)



- Cyan (22%)
- Magenta (0%)
- Yellow (8%)
- Black (48%)



- Cyan (59%)
- Magenta (48%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.1890, -0.0932, -16.8288 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 123.1890, -0.0932, -16.8288 by changing the saturation by 10% instead.

■ 123.1890, -0.0932,
-16.8288

■ 123.1890, -0.0932,
-16.8288

■ 255.0000, 0.0000,
0.0000

■ 98.4880, -0.2406,
-16.2140

■ 175.7760, -0.3826,
-17.3436

■ 73.9010, 0.0488,
-15.6992

■ 203.4770, -0.2352,
-17.9583

■ 51.3140, 0.3382,
-15.1844

■ 231.1780, -0.0878,
-18.5731

■ 29.4280, 0.7750,
-15.2844

■ 250.2160, 2.3585,
-9.8364

■ 11.8370, -2.8776,
-10.3810

■ 0.0000, 0.0000,
0.0000

■ 123.1890, -0.0932,
-16.8288

■ 123.1890, -0.0932,
-16.8288

■ 118.7320, -0.3609,
-24.3210

■ 127.6460, 0.1745,
-9.3365

■ 114.0900, -0.0444,
-32.5279

■ 132.2880, -0.1420,
-1.1296

■ 109.6330, -0.3121,
-40.0201

■ 136.7450, 0.1257,
6.3626

■ 105.2900, -0.1430,
-47.6123

■ 141.0880, -0.0434,
13.9548

■ 100.5340, -0.2633,
-55.7193

■ 145.8440, 0.0769,
22.0618

■ 96.0770, -0.5310,
-63.2115

■ 150.3010, 0.3446,
29.5540

■ 91.7340, -0.3619,
-70.8037

■ 154.6440, 0.1755,
37.1462

■ 87.9890, -0.4876,

■ 159.1010, 0.4432,

-77.1664

44.6384

 163.7430, 0.1267,
52.8454

Harmonies

Analogous

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



124.1640, -5.5039, -8.0368



123.1890, -0.0932, -16.8288



122.6490, 5.5960, -21.6172

Triad

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



123.1890, -0.0932, -16.8288



127.5080, 9.6096, -2.1995



128.1070, -8.9268, 16.5692

Complementary

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



123.1890, -0.0932, -16.8288



113.8110, 0.0932, 16.8288

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.



128.8560, -4.8590, 18.5433



123.1890, -0.0932, -16.8288



128.9500, 5.9407, 7.9369

Square

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



123.1890, -0.0932, -16.8288



125.7840, 10.9525, -12.9656



129.3270, 0.8248, 15.4992



127.0200, -10.3629, 10.5065

Rectangle

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



123.1890, -0.0932, -16.8288



123.1590, 8.7956, -21.1874



129.3270, 0.8248, 15.4992



128.4600, -7.6218, 18.0136

Sweetspot

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



123.1890, -0.0932, -16.8288



168.9560, 0.0217, -6.9774



124.0130, -9.8664, -8.7814



84.5650, -0.2785, -4.0035



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



123.1890, -0.0932, -16.8288



157.8350, 0.0813, -26.1653



121.9810, 5.4324, -15.7693



63.9780, 0.0108, -3.4887



86.0000, -0.4930, -75.4220



1.9890, 0.0054, -1.7444

Inverse Universe

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



113.8110, 0.0932, 16.8288



143.2790, 0.3555, 26.0653



115.0190, -5.4324, 15.7693



62.0220, -0.0108, 3.4887



44.0000, 0.4930, 75.4220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 123.1890, -0.0932, -16.8288 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 123.1890, -0.0932, -16.8288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

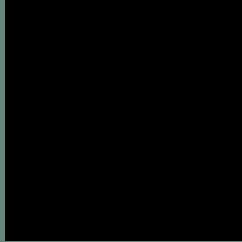
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.1890, -0.0932, -16.8288

Background



This preview shows how black text looks on a background with the YUV color 123.1890, -0.0932, -16.8288.



This preview shows how white text looks on a background with the YUV color 123.1890, -0.0932, -16.8288.

-16.8288.

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

123.1890, -0.0932, -16.8288

Protanopia

126.3980, -3.6472, 3.1590

Deuteranopia

127.4250, -1.1955, 10.1513



Tritanopia

124.3770, 8.1951, -15.2396

Trichromacy



Original Color

123.1890, -0.0932, -16.8288

Protanomaly

125.5820, -2.7519, -4.0184

Deuteranomaly

125.7720, -0.8736, 0.2000

Tritanomaly

123.8670, 4.9956, -15.6694

Monochromacy



Original Color

123.1890, -0.0932, -16.8288

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.2550, -0.1257, -6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1890, -0.0932, -16.8288 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(104, 133, 123)` looks like.

```
.text, #text, p{  
    color:rgb(104, 133, 123)  
}
```

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(104, 133, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 133, 123) }
```

Border

The CSS property to change the border of an element to YUV 123.1890, -0.0932, -16.8288 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(104, 133, 123) }
```


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

```
.border{ border-color:rgb(104, 133, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 133, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 133, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 133, 123);  
box-shadow:4px 4px 4px 4px rgb(104, 133,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 123.1890, -0.0932, -16.8288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 133, 123) }
```

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

```
.background{ background-color: rgb(104,  
133, 123) }
```

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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