

Converting Colors

YUV(123.1590, -48.8854,
-93.9784)

Have a look what the booklet for
YUV(123.1590, -48.8854, -93.9784)
contains.

YUV(123.1590, -48.8854, -93.9784)	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(123.1590, -48.8854,
-93.9784)**

Conversions

Conversions Part 1

Format	Color
Hex	10C518
RGB	16, 197, 24
RGB Percent	6%, 77%, 9%
CMY	0.9373, 0.2275, 0.9059
CMYK	0.92, 0.00, 0.88, 0.23
HSL	123°, 85%, 42%
HSV	123°, 92%, 77%
XYZ	20.3448, 40.1086, 7.5336
YIQ	123.1590, -52.3430, -92.1750

Conversions

Conversions Part 2

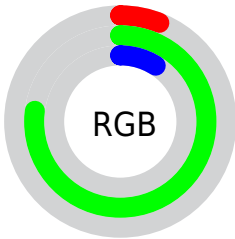
Format	Color
RYB	16, 189, 197
Decimal	1099032
CIELab	69.55, -69.64, 65.39
CIELCh	70, 95.528, 136.804
Yxy	40.1086, 0.2992, 0.5899
Android (android.graphics.Color)	4279289112 (0xFF10C518)
YUV	123.1590, -48.8854, -93.9784
Hunter-Lab	63.3314, -53.4879, 37.2791

Details

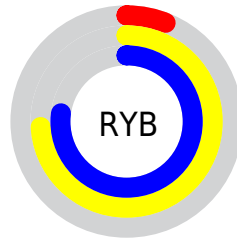
The YUV color **123.1590, -48.8854, -93.9784** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **89.8410, 48.8854, 93.9784**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4110, -50.9816, -74.9054**, and **82.7670, -40.8041, -72.5867** is the 20% darker color. If you saturate the color by 10%, you get **116.6650, -53.0788, -102.3152**, and if you desaturate by 10%, it is **131.3050, -43.5344, -83.5825**.

Distribution



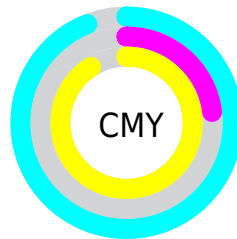
- Red (6%)
- Green (77%)
- Blue (9%)



- Red (6%)
- Yellow (74%)
- Blue (77%)



- Cyan (92%)
- Magenta (0%)
- Yellow (88%)
- Black (23%)



- Cyan (94%)
- Magenta (23%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.1590, -48.8854, -93.9784 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 123.1590, -48.8854, -93.9784 by changing the saturation by 10% instead.

■ 123.1590,
-48.8854, -93.9784

■ 123.1590,
-48.8854, -93.9784

■ 255.0000, 0.0000,
0.0000

■ 99.2030, -48.9071,
-87.0010

■ 191.4110,
-50.9816, -74.9054

■ 82.7670, -40.8041,
-72.5867

■ 204.2850,
-43.0315, -58.1319

■ 67.5050, -33.2800,
-59.2019

■ 217.0450,
-35.5182, -41.2585

■ 51.6560, -25.4664,
-45.3023

■ 229.5060,
-27.8575, -24.9998

■ 37.5680, -18.5210,
-32.9471

■ 242.0810,
-19.7599, -8.8410

■ 22.8930, -11.2862,
-20.0772

■ 252.2640,

■ 0.0000, 0.0000,

-10.4832, 2.3995

0.0000

■ 123.1590,
-48.8854, -93.9784

■ 123.1590,
-48.8854, -93.9784

■ 116.6650,
-53.0788, -102.3152

■ 131.3050,
-43.5344, -83.5825

■ 139.1520,
-38.0359, -73.8013

■ 147.1840,
-33.1217, -63.3054

■ 155.3300,
-27.7707, -52.9094

■ 163.4760,
-22.4197, -42.5135

■ 171.3230,
-16.9212, -32.7323

■ 179.4690,
-11.5702, -22.3363

■ 187.6150, -6.2192,
-11.9404

■ 195.3480, -1.1576,
-2.0592

Harmonies

Analogous

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



154.0870, -75.9649, 5.1857



123.1590, -48.8854, -93.9784



134.8130, -3.8518, -118.2310

Triad

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



123.1590, -48.8854, -93.9784



141.1870, 56.1098, -123.8210



125.2420, 0.3737, 113.7978

Complementary

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



123.1590, -48.8854, -93.9784



89.8410, 48.8854, 93.9784

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.



139.1550, 35.9126, 101.5961



123.1590, -48.8854, -93.9784



125.3380, 63.9234, -109.9214

Square

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



123.1590, -48.8854, -93.9784



148.8180, 52.3477, -130.5134



168.8780, 42.4581, 55.3580



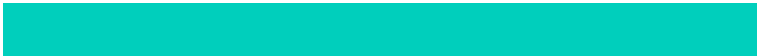
144.6740, -52.0973, 96.7559

Rectangle

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



123.1590, -48.8854, -93.9784



142.9410, 22.2141, -125.3593



168.8780, 42.4581, 55.3580



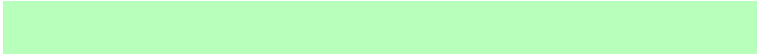
123.7380, 14.9192, 115.1168

Sweetspot

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



123.1590, -48.8854, -93.9784



226.0190, -19.2364, -36.8507



174.5720, -78.1760, 14.4074



110.0560, -11.8596, -22.8511



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



123.1590, -48.8854, -93.9784



150.9390, -68.9899, -132.3735



133.3050, -10.0104, -102.8765



95.2830, -2.6045, -4.6332



96.4790, -44.1131, -84.6121



21.3600, -9.5445, -18.7327

Inverse Universe

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



89.8410, 48.8854, 93.9784



104.0610, 68.9899, 132.3735



79.6950, 10.0104, 102.8765



93.7170, 2.6045, 4.6332



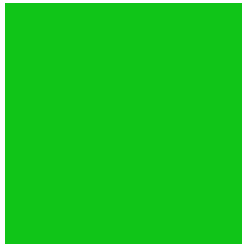
66.5210, 44.1131, 84.6121



14.6400, 9.5445, 18.7327

Previews

White Background



This preview shows how the YUV color 123.1590, -48.8854, -93.9784 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 123.1590, -48.8854, -93.9784 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 123.1590, -48.8854, -93.9784 Background



This preview shows how black text looks on a background with the YUV color 123.1590, -48.8854, -93.9784.



This preview shows how white text looks on a background with the YUV color 123.1590, -48.8854, -93.9784.

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

123.1590, -48.8854, -93.9784

Protanopia

157.4950, -71.2360, 28.5069

Deuteranopia

162.4810, -56.4391, 42.5512



Tritanopia

154.8100, 21.2927, -62.9774

Trichromacy



Original Color

123.1590, -48.8854, -93.9784



Protanomaly

144.9840, -63.0961, -15.7720



Deuteranomaly

147.8570, -53.6665, -6.8906



Tritanomaly

143.3870, -4.1348, -74.0074

Monochromacy



Original Color

123.1590, -48.8854, -93.9784



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

123.0840, -17.7894, -34.2767

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1590, -48.8854, -93.9784 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(16, 197, 24)` looks like.

```
.text, #text, p{  
    color:rgb(16, 197, 24)  
}
```

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(16, 197, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 197, 24) }
```

Border

The CSS property to change the border of an element to YUV 123.1590, -48.8854, -93.9784 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(16, 197, 24) }
```


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

```
.border{ border-color:rgb(16, 197, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 197, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 197, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 197, 24);  
box-shadow:4px 4px 4px 4px rgb(16, 197,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 123.1590, -48.8854, -93.9784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 197, 24) }
```

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

```
.background{ background-color: rgb(16, 197,  
24) }
```

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