

Converting Colors

YUV(59.5020, -18.4885,
-43.4133)

Have a look what the booklet for
YUV(59.5020, -18.4885, -43.4133)
contains.

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Color

**YUV(59.5020, -18.4885,
-43.4133)**

Conversions

Conversions Part 1

Format	Color
Hex	0A5C16
RGB	10, 92, 22
RGB Percent	4%, 36%, 9%
CMY	0.9608, 0.6392, 0.9137
CMYK	0.89, 0.00, 0.76, 0.64
HSL	129°, 80%, 20%
HSV	129°, 89%, 36%
XYZ	4.0971, 7.7767, 2.0442
YIQ	59.5020, -26.4020, -39.1540

Conversions

Conversions Part 2

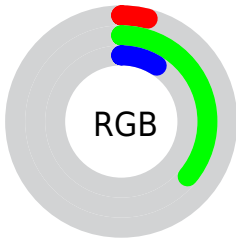
Format	Color
RYB	10, 82, 92
Decimal	678934
CIELab	33.51, -38.11, 32.21
CIElCh	34, 49.897, 139.791
Yxy	7.7767, 0.2944, 0.5588
Android (android.graphics.Color)	4278869014 (0xFF0A5C16)
YUV	59.5020, -18.4885, -43.4133
Hunter-Lab	27.8868, -22.5767, 15.1747

Details

The YUV color **59.5020, -18.4885, -43.4133** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **42.4980, 18.4885, 43.4133**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.4490, -21.4204, -36.3508**, and **26.4150, -13.0226, -23.1660** is the 20% darker color. If you saturate the color by 10%, you get **55.8990, -20.6562, -48.1464**, and if you desaturate by 10%, it is **63.1050, -16.3208, -38.6801**.

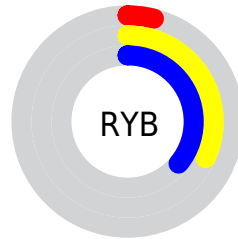
Distribution



Red (4%)

Green (36%)

Blue (9%)



Red (4%)

Yellow (32%)

Blue (36%)

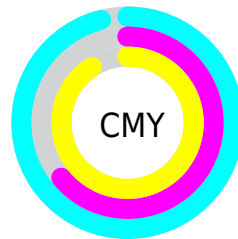


Cyan (89%)

Magenta (0%)

Yellow (76%)

Black (64%)



Cyan (96%)

Magenta (64%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.5020, -18.4885, -43.4133 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 59.5020, -18.4885, -43.4133 by changing the saturation by 10% instead.

■ 59.5020, -18.4885,
-43.4133

■ 59.5020, -18.4885,
-43.4133

255.0000, 0.0000,
0.0000

■ 39.9160, -19.6786,
-35.0063

■ 113.4490,
-21.4204, -36.3508

■ 26.4150, -13.0226,
-23.1660

■ 139.8080,
-22.5833, -36.6656

■ 12.3270, -6.0772,
-10.8108

■ 167.1670,
-23.7463, -36.9805

■ 0.0000, 0.0000,
0.0000

■ 195.0530,
-24.1831, -36.8805

■ 223.5260,
-24.9093, -37.2953

■ 234.9760,

-17.2432, -22.7810

■ 246.8390, -9.2876,
-7.7518

■ 59.5020, -18.4885,
-43.4133

■ 59.5020, -18.4885,
-43.4133

■ 55.8990, -20.6562,
-48.1464

■ 63.1050, -16.3208,
-38.6801

■ 55.4860, -20.9456,
-48.6612

■ 66.7080, -14.1530,
-33.9469

■ 70.6100, -12.1327,
-28.5990

■ 74.0990, -10.4018,
-23.7658

■ 77.7020, -8.2341,
-19.0327

■ 81.3050, -6.0664,
-14.2995

■ 84.9080, -3.8986,
-9.5663

■ 88.8100, -1.8783,
-4.2184

■ 92.4130, 0.2894,
0.5148

Harmonies

Analogous

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



71.1240, -35.0641, -0.1087



59.5020, -18.4885, -43.4133



63.5340, -0.2633, -55.7193

Triad

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



59.5020, -18.4885, -43.4133



69.5540, 43.1109, -60.9989



71.3550, -8.0630, 66.3407

Complementary

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



59.5020, -18.4885, -43.4133



42.4980, 18.4885, 43.4133

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.



74.3060, 9.7091, 59.3676



59.5020, -18.4885, -43.4133



73.8510, 39.5135, -27.0563

Square

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



59.5020, -18.4885, -43.4133



71.0240, 33.5122, -62.2880



80.5930, 24.3577, 27.5439



73.7020, -27.9541, 52.8813

Rectangle

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



59.5020, -18.4885, -43.4133



66.7260, 11.9671, -58.5187



80.5930, 24.3577, 27.5439



71.3750, -1.6639, 67.2001

Sweetspot

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



59.5020, -18.4885, -43.4133



106.9410, -7.3659, -17.4883



79.3630, -34.1960, 1.4356



53.3810, -4.6248, -9.9811



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



59.5020, -18.4885, -43.4133



72.4920, -26.8646, -63.5755



64.0620, -1.0166, -47.4124



44.0490, -1.0102, -2.6740



66.3940, -24.8442, -58.2275



143.1090, -53.2977, -125.5066

Inverse Universe

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



42.4980, 18.4885, 43.4133



47.5080, 26.8646, 63.5755



37.9380, 1.0166, 47.4124



42.9510, 1.0102, 2.6740



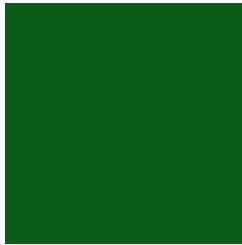
43.6060, 24.8442, 58.2275



93.8910, 53.2977, 125.5066

Previews

White Background



This preview shows how the YUV color 59.5020, -18.4885, -43.4133 looks on a white background.

Color Contrast Check

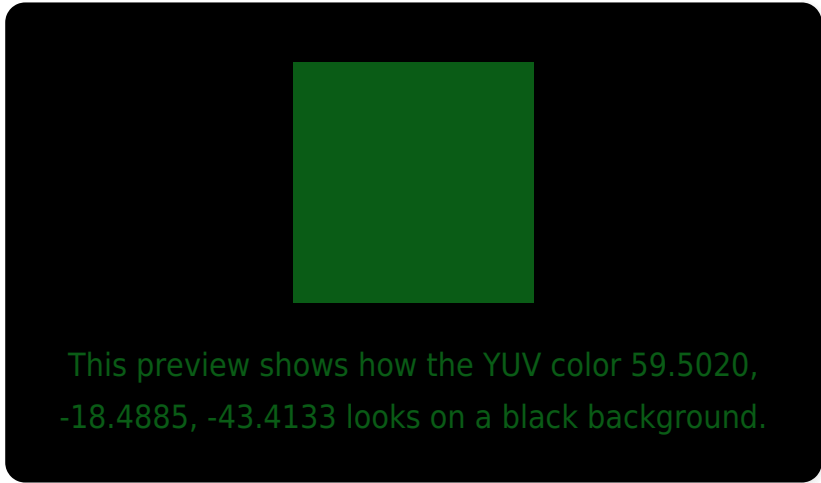
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YUV 59.5020, -18.4885, -43.4133

Background



This preview shows how black text looks on a background with the YUV color 59.5020, -18.4885, -43.4133.



This preview shows how white text looks on a background with the YUV color 59.5020, -18.4885, -43.4133.

-43.4133.

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

59.5020, -18.4885, -43.4133

Protanopia

75.1500, -27.6819, 12.1465

Deuteranopia

76.6330, -23.4831, 18.7389



Tritanopia

72.7450, 9.9857, -29.5944

Trichromacy



Original Color

59.5020, -18.4885, -43.4133

Protanomaly

69.5280, -24.4173, -8.3561

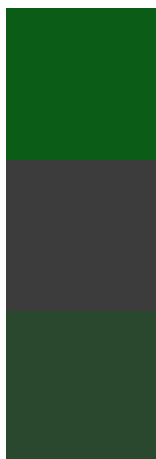
Deuteranomaly

70.2450, -21.8128, -3.7229

Tritanomaly

67.6660, -0.3283, -34.7871

Monochromacy



Original Color

59.5020, -18.4885, -43.4133

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.0660, -6.9345, -15.8439

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.5020, -18.4885, -43.4133 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(10, 92, 22)` looks like.

```
.text, #text, p{  
    color:rgb(10, 92, 22)  
}
```

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(10, 92, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 92, 22) }
```

Border

The CSS property to change the border of an element to YUV 59.5020, -18.4885, -43.4133 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(10, 92, 22) }
```


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

```
.border{ border-color:rgb(10, 92, 22) }
```

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

Here you see how a box with a 4 pixel rgb(10, 92, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 92, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 92, 22);  
box-shadow:4px 4px 4px 4px rgb(10, 92, 22)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.5020, -18.4885, -43.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 92, 22) }
```

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

```
.background{ background-color: rgb(10, 92,  
22) }
```

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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