

Converting Colors

YUV(88.0060, -5.9190, -14.9143)

Have a look what the booklet for
YUV(88.0060, -5.9190, -14.9143)
contains.

YUV(88.0060, -5.9190, -14.9143)	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(88.0060, -5.9190,
-14.9143)**

Conversions

Conversions Part 1

Format	Color
Hex	47634C
RGB	71, 99, 76
RGB Percent	28%, 39%, 30%
CMY	0.7216, 0.6118, 0.7020
CMYK	0.28, 0.00, 0.23, 0.61
HSL	131°, 16%, 33%
HSV	131°, 28%, 39%
XYZ	8.3649, 10.7851, 8.4783
YIQ	88.0060, -9.3050, -13.0890

Conversions

Conversions Part 2

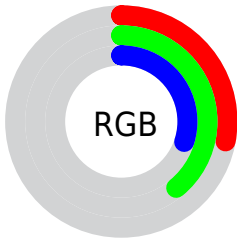
Format	Color
R_{YB}	71, 95, 99
Decimal	4678476
CIE _{Lab}	39.22, -15.60, 9.80
CIE _{LCh}	39, 18.417, 147.867
Yxy	10.7851, 0.3028, 0.3904
Android (android.graphics.Color)	4282868556 (0xFF47634C)
YUV	88.0060, -5.9190, -14.9143
Hunter-Lab	32.8406, -12.0052, 7.6818

Details

The YUV color $[88.0060, -5.9190, -14.9143]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[81.9940, 5.9190, 14.9143]$, and the grayscale version is $[88.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[138.1800, -6.4977, -15.9439]$, and $[41.9460, -4.9034, -13.9846]$ is the 20% darker color. If you saturate the color by 10%, you get $[84.1040, -7.9393, -20.2622]$, and if you desaturate by 10%, it is $[91.9080, -3.8986, -9.5663]$.

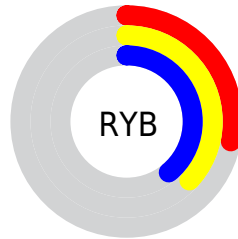
Distribution



Red (28%)

Green (39%)

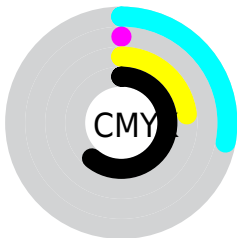
Blue (30%)



Red (28%)

Yellow (37%)

Blue (39%)

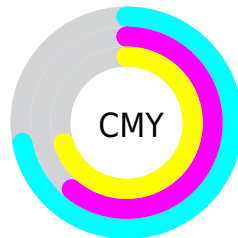


Cyan (28%)

Magenta (0%)

Yellow (23%)

Black (61%)



Cyan (72%)

Magenta (61%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.0060, -5.9190, -14.9143 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 88.0060, -5.9190, -14.9143 by changing the saturation by 10% instead.

■ 88.0060, -5.9190,
-14.9143

■ 88.0060, -5.9190,
-14.9143

255.0000, 0.0000,
0.0000

■ 64.4190, -5.6296,
-14.3995

■ 138.1800, -6.4977,
-15.9439

■ 41.9460, -4.9034,
-13.9846

■ 164.7670, -6.7871,
-16.4587

■ 20.4190, -5.6296,
-14.3995

■ 191.7670, -6.7871,
-16.4587

■ 0.0000, 0.0000,
0.0000

■ 219.3540, -7.0765,
-16.9735

■ 244.4190, -5.6296,
-14.3995

■ 88.0060, -5.9190,
-14.9143

■ 88.0060, -5.9190,
-14.9143

■ 84.1040, -7.9393,
-20.2622

■ 91.9080, -3.8986,
-9.5663

■ 80.2020, -9.9596,
-25.6102

■ 95.8100, -1.8783,
-4.2184

■ 76.3000, -11.9799,
-30.9581

■ 99.7120, 0.1420,
1.1296

■ 72.2840, -14.4370,
-36.2061

■ 103.7280, 2.5991,
6.3775

■ 68.6810, -16.6047,
-40.9392

■ 107.6300, 4.6194,
11.7255

■ 64.7790, -18.6250,
-46.2872

■ 111.2330, 6.7871,
16.4587

■ 60.8770, -20.6454,
-51.6351

■ 115.1350, 8.8074,
21.8066

■ 60.1650, -20.7873,

■ 119.0370, 10.8278,

-52.7647

27.1546

■ 122.9390, 12.8481,
32.5025

Harmonies

Analogous

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



90.1880, -11.9247, -1.9189



88.0060, -5.9190, -14.9143



86.1060, 2.4127, -27.2800

Triad

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



88.0060, -5.9190, -14.9143



90.6140, 15.4733, -16.3245



93.6180, -7.2067, 24.8910

Complementary

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



88.0060, -5.9190, -14.9143



81.9940, 5.9190, 14.9143

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.



94.4420, -0.2179, 23.2914



88.0060, -5.9190, -14.9143



93.6160, 12.5143, -0.5402

Square

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



88.0060, -5.9190, -14.9143



86.4120, 15.0799, -30.1793



94.8090, 6.5032, 14.1995



92.9180, -12.2846, 20.2429

Rectangle

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



88.0060, -5.9190, -14.9143



84.8540, 7.9600, -33.1980



94.8090, 6.5032, 14.1995



94.4870, -5.1701, 25.0059

Sweetspot

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



88.0060, -5.9190, -14.9143



123.6850, -2.3097, -5.8627



94.3130, -11.4933, -0.2745



61.3370, -1.1521, -3.8035



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



88.0060, -5.9190, -14.9143



110.7400, -9.2388, -23.4510



89.6020, 0.1962, -16.3140



46.3480, -1.1576, -2.0592



68.0240, -23.6758, -59.6570



145.7820, -50.6715, -127.8508

Inverse Universe

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



81.9940, 5.9190, 14.9143



101.2600, 9.2388, 23.4510



80.3980, -0.1962, 16.3140



45.6520, 1.1576, 2.0592



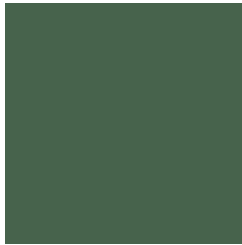
43.9760, 23.6758, 59.6570



94.2180, 50.6715, 127.8508

Previews

White Background



This preview shows how the YUV color 88.0060, -5.9190, -14.9143 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 × Fail

Black Background



This preview shows how the YUV color 88.0060, -5.9190, -14.9143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

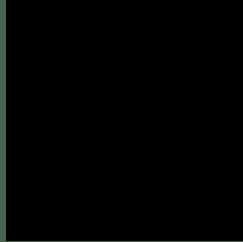
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.0060, -5.9190, -14.9143

Background



This preview shows how black text looks on a background with the YUV color 88.0060, -5.9190, -14.9143.

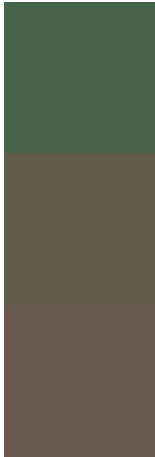


This preview shows how white text looks on a background with the YUV color 88.0060, -5.9190, -14.9143.

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

88.0060, -5.9190, -14.9143

Protanopia

91.6280, -9.1836, 5.5882

Deuteranopia

92.8290, -7.3107, 11.5510



Tritanopia

90.2310, 6.2951, -12.4806

Trichromacy



Original Color

88.0060, -5.9190, -14.9143

Protanomaly

90.5130, -8.1409, -2.2039

Deuteranomaly

91.1760, -6.9888, 1.5996

Tritanomaly

89.0800, 1.9326, -13.2252

Monochromacy



Original Color

88.0060, -5.9190, -14.9143

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0980, -2.0203, -5.3479

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.0060, -5.9190, -14.9143 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(71, 99, 76)` looks like.

```
.text, #text, p{  
    color:rgb(71, 99, 76)  
}
```

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(71, 99, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 99, 76) }
```

Border

The CSS property to change the border of an element to YUV 88.0060, -5.9190, -14.9143 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(71, 99, 76) }
```


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

```
.border{ border-color:rgb(71, 99, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 99, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 99, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 99, 76);  
box-shadow:4px 4px 4px 4px rgb(71, 99, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.0060, -5.9190, -14.9143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 99, 76) }
```

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

```
.background{ background-color: rgb(71, 99,  
76) }
```

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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