

Converting Colors

YUV(86.5330, -5.1928, -14.4994)

Have a look what the booklet for
YUV(86.5330, -5.1928, -14.4994)
contains.

YUV(86.5330, -5.1928, -14.4994)	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(86.5330, -5.1928,
-14.4994)**

Conversions

Conversions Part 1

Format	Color
Hex	46614C
RGB	70, 97, 76
RGB Percent	27%, 38%, 30%
CMY	0.7255, 0.6196, 0.7020
CMYK	0.28, 0.00, 0.22, 0.62
HSL	133°, 16%, 33%
HSV	133°, 28%, 38%
XYZ	8.1050, 10.3733, 8.4125
YIQ	86.5330, -9.3510, -12.2550

Conversions

Conversions Part 2

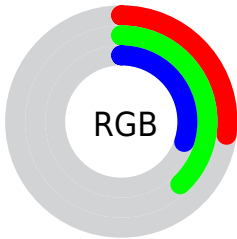
Format	Color
R_YB	70, 92, 97
Decimal	4612428
CIE Lab	38.50, -14.85, 8.79
CIE LCh	39, 17.261, 149.387
Yxy	10.3733, 0.3014, 0.3858
Android (android.graphics.Color)	4282802508 (0xFF46614C)
YUV	86.5330, -5.1928, -14.4994
Hunter-Lab	32.2076, -11.4440, 7.0589

Details

The YUV color **86.5330, -5.1928, -14.4994** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **80.4670, 5.1928, 14.4994**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.7070, -5.7716, -15.5290**, and **40.4730, -4.1772, -13.5698** is the 20% darker color. If you saturate the color by 10%, you get **82.6310, -7.2131, -19.8474**, and if you desaturate by 10%, it is **90.4350, -3.1725, -9.1515**.

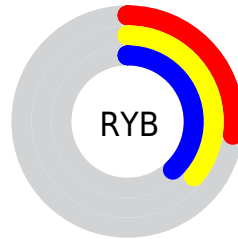
Distribution



Red (27%)

Green (38%)

Blue (30%)



Red (27%)

Yellow (36%)

Blue (38%)

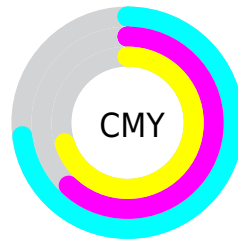


Cyan (28%)

Magenta (0%)

Yellow (22%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.5330, -5.1928, -14.4994 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 86.5330, -5.1928, -14.4994 by changing the saturation by 10% instead.

■ 86.5330, -5.1928,
-14.4994

■ 86.5330, -5.1928,
-14.4994

■ 255.0000, 0.0000,
0.0000

■ 62.9460, -4.9034,
-13.9846

■ 136.7070, -5.7716,
-15.5290

■ 40.4730, -4.1772,
-13.5698

■ 162.7070, -5.7716,
-15.5290

■ 19.2340, -5.0454,
-15.1142

■ 190.1800, -6.4977,
-15.9439

■ 0.0000, 0.0000,
0.0000

■ 217.8810, -6.3503,
-16.5586

■ 244.1200, -5.4822,
-15.0142

■ 86.5330, -5.1928,
-14.4994

■ 86.5330, -5.1928,
-14.4994

■ 82.6310, -7.2131,
-19.8474

■ 90.4350, -3.1725,
-9.1515

■ 79.1420, -8.9440,
-24.6805

■ 93.9240, -1.4415,
-4.3183

■ 75.2400, -10.9643,
-30.0285

■ 97.8260, 0.5788,
1.0296

■ 71.4520, -12.5478,
-35.4764

■ 101.6140, 2.1623,
6.4775

■ 67.8490, -14.7156,
-40.2096

■ 105.5160, 4.1826,
11.8255

■ 64.0610, -16.2991,
-45.6575

■ 109.0050, 5.9135,
16.6586

■ 60.1590, -18.3194,
-51.0054

■ 112.9070, 7.9338,
22.0066

■ 59.4470, -18.4614,

■ 116.6950, 9.5174,

-52.1350

27.4545

■ 120.2980, 11.6851,
32.1877

Harmonies

Analogous

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



88.4160, -11.0511, -2.1188



86.5330, -5.1928, -14.4994



84.2310, 2.8441, -25.6356

Triad

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



86.5330, -5.1928, -14.4994



89.2830, 14.1575, -14.2802



92.0200, -6.9119, 23.6615

Complementary

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



86.5330, -5.1928, -14.4994



80.4670, 5.1928, 14.4994

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.



92.3170, -0.6493, 21.6470



86.5330, -5.1928, -14.4994



91.6870, 11.4933, 0.2745

Square

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



86.5330, -5.1928, -14.4994



85.7930, 13.9061, -27.0055



92.9830, 5.9244, 13.1699



91.3200, -11.9898, 19.0134

Rectangle

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



86.5330, -5.1928, -14.4994



83.4630, 7.6597, -30.2241



92.9830, 5.9244, 13.1699



92.4760, -5.1647, 23.2615

Sweetspot

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



86.5330, -5.1928, -14.4994



121.0980, -2.0203, -5.3479



92.1280, -10.9091, -0.9893



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.



86.5330, -5.1928, -14.4994



109.0930, -7.9338, -22.0066



88.0150, 0.4856, -15.7992



46.4620, -0.7208, -2.1592



68.5940, -21.4918, -60.1569



146.9220, -46.3035, -128.8506

Inverse Universe

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



80.4670, 5.1928, 14.4994



99.9070, 7.9338, 22.0066



78.9850, -0.4856, 15.7992



45.5380, 0.7208, 2.1592



43.4060, 21.4918, 60.1569



92.9640, 45.8667, 128.9506

Previews

White Background



This preview shows how the YUV color 86.5330, -5.1928, -14.4994 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 86.5330, -5.1928, -14.4994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

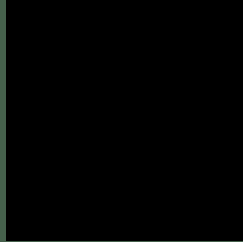
Any Text WCAG AA × Fail

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 86.5330, -5.1928, -14.4994 Background



This preview shows how black text looks on a background with the YUV color 86.5330, -5.1928, -14.4994.



This preview shows how white text looks on a background with the YUV color 86.5330, -5.1928,

-14.4994.

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

86.5330, -5.1928, -14.4994

Protanopia

89.8560, -8.3100, 5.3883

Deuteranopia

90.7580, -6.2897, 10.7362



Tritanopia

89.1170, 5.8583, -12.3806

Trichromacy



Original Color

86.5330, -5.1928, -14.4994

Protanomaly

89.0400, -7.4147, -1.7891

Deuteranomaly

89.4040, -6.1152, 1.3997

Tritanomaly

88.0800, 1.9326, -13.2252

Monochromacy



Original Color

86.5330, -5.1928, -14.4994

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0980, -2.0203, -5.3479

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5330, -5.1928, -14.4994 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(70, 97, 76)` looks like.

```
.text, #text, p{  
    color:rgb(70, 97, 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(70, 97, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 97, 76) }
```

Border

The CSS property to change the border of an element to YUV 86.5330, -5.1928, -14.4994 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(70, 97, 76) }
```


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

```
.border{ border-color:rgb(70, 97, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 97, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 97, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 97, 76);  
box-shadow:4px 4px 4px 4px rgb(70, 97, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.5330, -5.1928, -14.4994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 97, 76) }
```

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

```
.background{ background-color: rgb(70, 97,  
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](#).

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