

Converting Colors

YUV(83.1940, -14.3926, -3.6781)

Have a look what the booklet for
YUV(83.1940, -14.3926, -3.6781)
contains.

YUV(83.1940, -14.3926, -3.6781)	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(83.1940, -14.3926,
-3.6781)**

Conversions

Conversions Part 1

Format	Color
Hex	4F5B36
RGB	79, 91, 54
RGB Percent	31%, 36%, 21%
CMY	0.6902, 0.6431, 0.7882
CMYK	0.13, 0.00, 0.41, 0.64
HSL	79°, 26%, 28%
HSV	79°, 41%, 36%
XYZ	7.6314, 9.4108, 4.9043
YIQ	83.1940, 4.7250, -14.0510

Conversions

Conversions Part 2

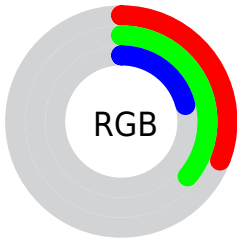
Format	Color
R_{YB}	54, 91, 66
Decimal	5200694
CIE _{Lab}	36.76, -11.72, 19.81
CIE _{LCh}	37, 23.021, 120.617
Yxy	9.4108, 0.3477, 0.4288
Android (android.graphics.Color)	4283390774 (0xFF4F5B36)
YUV	83.1940, -14.3926, -3.6781
Hunter-Lab	30.6770, -9.2800, 11.9953

Details

The YUV color **83.1940, -14.3926, -3.6781** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **61.8060, 14.3926, 3.6781**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.8520, -15.7030, -3.3782**, and **37.7210, -13.6665, -3.2633** is the 20% darker color. If you saturate the color by 10%, you get **81.2710, -17.8816, -4.6227**, and if you desaturate by 10%, it is **85.1170, -10.9037, -2.7336**.

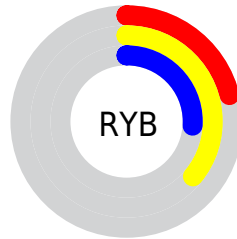
Distribution



Red (31%)

Green (36%)

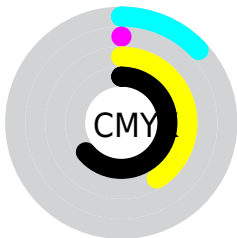
Blue (21%)



Red (21%)

Yellow (36%)

Blue (26%)

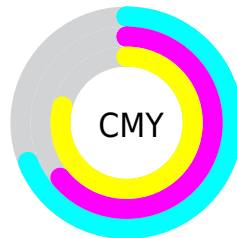


Cyan (13%)

Magenta (0%)

Yellow (41%)

Black (64%)



Cyan (69%)

Magenta (64%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.1940, -14.3926, -3.6781 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 83.1940, -14.3926, -3.6781 by changing the saturation by 10% instead.

■ 83.1940, -14.3926,
-3.6781

■ 83.1940, -14.3926,
-3.6781

■ 255.0000, 0.0000,
0.0000

■ 60.3080, -13.9558,
-3.7781

■ 132.8520,
-15.7030, -3.3782

■ 37.7210, -13.6665,
-3.2633

■ 159.3250,
-16.4292, -3.7930

■ 17.0670, -8.4140,
-7.9518

■ 186.2110,
-16.8660, -3.6930

■ 0.0000, 0.0000,
0.0000

■ 214.0970,
-17.3028, -3.5931

■ 242.0970,
-17.3028, -3.5931

■ 252.7200, -8.7360,

1.9996

■ 83.1940, -14.3926,
-3.6781

■ 83.1940, -14.3926,
-3.6781

■ 81.2710, -17.8816,
-4.6227

■ 85.1170, -10.9037,
-2.7336

■ 79.3480, -21.3706,
-5.5672

■ 87.0400, -7.4147,
-1.7891

■ 77.4250, -24.8595,
-6.5117

■ 88.9630, -3.9258,
-0.8446

■ 75.5020, -28.3485,
-7.4563

■ 90.8860, -0.4368,
0.1000

■ 73.5790, -31.8374,
-8.4008

■ 92.9230, 3.4890,
0.9445

■ 71.6560, -35.3264,
-9.3453

■ 94.8460, 6.9779,
1.8891

■ 96.7690, 10.4669,
2.8336

■ 98.6920, 13.9558,
3.7781

■ 100.6150, 17.4448,
4.7226

Harmonies

Analogous

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



84.7830, -17.6410, 11.5913



83.1940, -14.3926, -3.6781



80.5600, -6.1921, -20.6621

Triad

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



83.1940, -14.3926, -3.6781



76.1160, 20.6488, -43.0747



88.3610, -0.6710, 28.6244

Complementary

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



83.1940, -14.3926, -3.6781



61.8060, 14.3926, 3.6781

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.



88.8850, 7.9447, 18.5179



83.1940, -14.3926, -3.6781



83.6180, 19.4153, -20.7130

Square

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



83.1940, -14.3926, -3.6781



70.7140, 16.9030, -55.0002



88.1970, 14.6929, 0.7042



87.7820, -9.2595, 30.0092

Rectangle

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



83.1940, -14.3926, -3.6781



77.7310, 1.1186, -32.2131



88.1970, 14.6929, 0.7042



89.0340, 1.9552, 26.2802

Sweetspot

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



83.1940, -14.3926, -3.6781



114.2080, -5.5255, -1.0594



72.1070, -8.9268, 16.5692



57.0770, -3.4890, -0.9445



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



83.1940, -14.3926, -3.6781



105.1200, -22.2442, -5.3672



77.8120, -11.7393, -14.7441



44.8320, -1.8892, -0.7297



86.6960, -42.7411, -11.1344



186.9590, -92.1708, -23.6430

Inverse Universe

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



61.8060, 14.3926, 3.6781



71.8800, 22.2442, 5.3672



67.1880, 11.7393, 14.7441



42.1680, 1.8892, 0.7297



23.3040, 42.7411, 11.1344



50.0410, 92.1708, 23.6430

Previews

White Background



This preview shows how the YUV color 83.1940, -14.3926, -3.6781 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



This preview shows how the YUV color 83.1940, -14.3926, -3.6781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

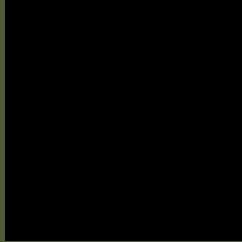
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.1940, -14.3926, -3.6781

Background



This preview shows how black text looks on a background with the YUV color 83.1940, -14.3926, -3.6781.



This preview shows how white text looks on a background with the YUV color 83.1940, -14.3926,

-3.6781.

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

83.1940, -14.3926, -3.6781

Protanopia

84.5160, -16.0304, 8.3175

Deuteranopia

86.2010, -14.8891, 15.6097



Tritanopia

86.2000, 3.3524, -1.9294

Trichromacy



Original Color

83.1940, -14.3926, -3.6781

Protanomaly

84.3090, -15.4353, 4.1140

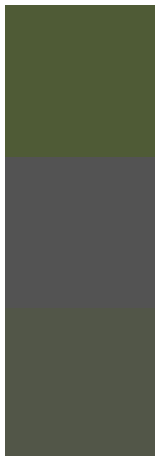
Deuteranomaly

85.1570, -14.8674, 8.6323

Tritanomaly

85.1800, -3.0467, -2.7889

Monochromacy



Original Color

83.1940, -14.3926, -3.6781

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.2080, -5.5255, -1.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1940, -14.3926, -3.6781 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(79, 91, 54)` looks like.

```
.text, #text, p{  
    color:rgb(79, 91, 54)  
}
```

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(79, 91, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 91, 54) }
```

Border

The CSS property to change the border of an element to YUV 83.1940, -14.3926, -3.6781 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(79, 91, 54) }
```


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

```
.border{ border-color:rgb(79, 91, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 91, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 91, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 91, 54);  
box-shadow:4px 4px 4px 4px rgb(79, 91, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.1940, -14.3926, -3.6781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 91, 54) }
```

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

```
.background{ background-color: rgb(79, 91,  
54) }
```

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