

Converting Colors

YUV(83.5960, -14.0978, -4.9077)

Have a look what the booklet for
YUV(83.5960, -14.0978, -4.9077)
contains.

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Color

**YUV(83.5960, -14.0978,
-4.9077)**

Conversions

Conversions Part 1

Format	Color
Hex	4E5C37
RGB	78, 92, 55
RGB Percent	31%, 36%, 22%
CMY	0.6941, 0.6392, 0.7843
CMYK	0.15, 0.00, 0.40, 0.64
HSL	83°, 25%, 29%
HSV	83°, 40%, 36%
XYZ	7.6586, 9.5498, 5.0541
YIQ	83.5960, 3.5330, -14.4750

Conversions

Conversions Part 2

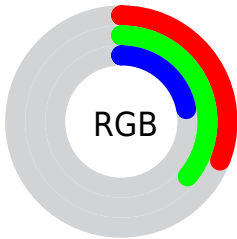
Format	Color
RYB	55, 92, 69
Decimal	5135415
CIELab	37.02, -12.58, 19.54
CIElCh	37, 23.241, 122.780
Yxy	9.5498, 0.3440, 0.4290
Android (android.graphics.Color)	4283325495 (0xFF4E5C37)
YUV	83.5960, -14.0978, -4.9077
Hunter-Lab	30.9028, -9.8424, 11.9352

Details

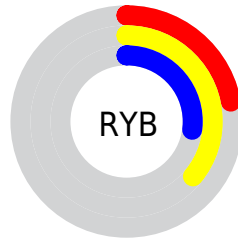
The YUV color **83.5960, -14.0978, -4.9077** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **63.4040, 14.0978, 4.9077**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.2540, -15.4082, -4.6078**, and **38.1230, -13.3716, -4.4929** is the 20% darker color. If you saturate the color by 10%, you get **81.6730, -17.5868, -5.8522**, and if you desaturate by 10%, it is **85.5190, -10.6089, -3.9632**.

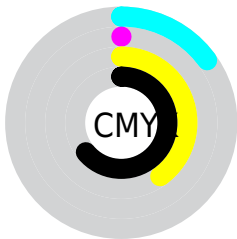
Distribution



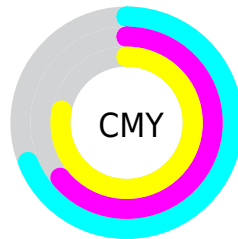
- Red (31%)
- Green (36%)
- Blue (22%)



- Red (22%)
- Yellow (36%)
- Blue (27%)



- Cyan (15%)
- Magenta (0%)
- Yellow (40%)
- Black (64%)



- Cyan (69%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5960, -14.0978, -4.9077 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 83.5960, -14.0978, -4.9077 by changing the saturation by 10% instead.

83.5960, -14.0978,
-4.9077

83.5960, -14.0978,
-4.9077

255.0000, 0.0000,
0.0000

60.1230, -13.3716,
-4.4929

133.2540,
-15.4082, -4.6078

38.1230, -13.3716,
-4.4929

159.8410,
-15.6976, -5.1226

17.3550, -8.5560,
-9.0813

186.7270,
-16.1344, -5.0226

0.0000, 0.0000,
0.0000

214.6130,
-16.5712, -4.9226

243.0860,
-17.2974, -5.3374

252.8340, -8.2992,

1.8996

■ 83.5960, -14.0978,
-4.9077

■ 83.5960, -14.0978,
-4.9077

■ 81.6730, -17.5868,
-5.8522

■ 85.5190, -10.6089,
-3.9632

■ 79.4510, -20.9283,
-7.4115

■ 87.7410, -7.2673,
-2.4039

■ 77.4140, -24.8541,
-8.2561

■ 89.7780, -3.3416,
-1.5593

■ 75.1920, -28.1957,
-9.8154

■ 92.0000, 0.0000,
0.0000

■ 73.2690, -31.6846,
-10.7599

■ 93.9230, 3.4890,
0.9445

■ 71.0470, -35.0262,
-12.3192

■ 96.1450, 6.8305,
2.5038

■ 98.0680, 10.3195,
3.4484

■ 100.4040, 14.0978,
4.9077

■ 102.3270, 17.5868,
5.8522

Harmonies

Analogous

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



85.9570, -18.2198, 10.5617



83.5960, -14.0978, -4.9077



80.6630, -5.7499, -22.5065

Triad

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



83.5960, -14.0978, -4.9077



77.5290, 20.9382, -42.5599



89.4320, -1.6920, 29.4391

Complementary

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



83.5960, -14.0978, -4.9077



63.4040, 14.0978, 4.9077

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.



89.4830, 7.6499, 19.7474



83.5960, -14.0978, -4.9077



84.6290, 19.4099, -18.9686

Square

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



83.5960, -14.0978, -4.9077



70.3440, 18.0714, -56.4297



89.2080, 14.6875, 2.4486



88.2550, -9.9857, 29.5944

Rectangle

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



83.5960, -14.0978, -4.9077



77.9480, 1.9976, -34.1574



89.2080, 14.6875, 2.4486



89.2190, 1.3710, 26.9949

Sweetspot

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



83.5960, -14.0978, -4.9077



116.4960, -5.6675, -2.1890



74.2810, -9.5055, 15.5396



59.1910, -3.0522, -1.0445



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.



83.5960, -14.0978, -4.9077



106.8100, -22.0913, -7.7264



78.2140, -11.4445, -15.9737



44.8320, -1.8892, -0.7297



84.9020, -41.8567, -14.8231



183.0720, -90.2545, -31.6351

Inverse Universe

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



63.4040, 14.0978, 4.9077



75.1900, 22.0913, 7.7264



68.7860, 11.4445, 15.9737



42.1680, 1.8892, 0.7297



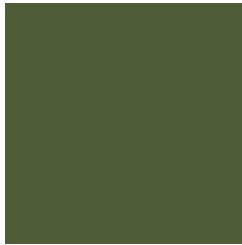
24.7990, 42.0041, 14.2083



53.9280, 90.2545, 31.6351

Previews

White Background



This preview shows how the YUV color 83.5960, -14.0978, -4.9077 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 83.5960, -14.0978, -4.9077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

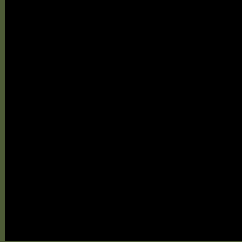
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.5960, -14.0978, -4.9077

Background



This preview shows how black text looks on a background with the YUV color 83.5960, -14.0978, -4.9077.



This preview shows how white text looks on a background with the YUV color 83.5960, -14.0978,

-4.9077.

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

83.5960, -14.0978, -4.9077

Protanopia

85.5160, -16.0304, 8.3175

Deuteranopia

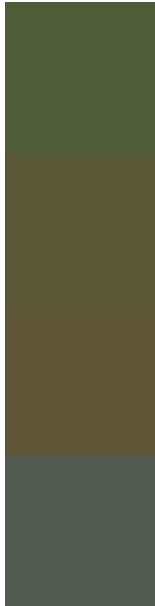
86.3150, -14.4523, 15.5097



Tritanopia

86.6020, 3.6472, -3.1590

Trichromacy



Original Color

83.5960, -14.0978, -4.9077

Protanomaly

85.0100, -15.2879, 3.4992

Deuteranomaly

85.2710, -14.4306, 8.5323

Tritanomaly

85.5820, -2.7519, -4.0184

Monochromacy



Original Color

83.5960, -14.0978, -4.9077

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9090, -5.3781, -1.6742

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5960, -14.0978, -4.9077 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(78, 92, 55)` looks like.

```
.text, #text, p{  
    color:rgb(78, 92, 55)  
}
```

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(78, 92, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 92, 55) }
```

Border

The CSS property to change the border of an element to YUV 83.5960, -14.0978, -4.9077 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(78, 92, 55) }
```


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

```
.border{ border-color:rgb(78, 92, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 92, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 92, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 92, 55);  
box-shadow:4px 4px 4px 4px rgb(78, 92, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.5960, -14.0978, -4.9077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 92, 55) }
```

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

```
.background{ background-color: rgb(78, 92,  
55) }
```

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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