

Converting Colors

YUV(84.1030, -3.0088, -14.9993)

Have a look what the booklet for
YUV(84.1030, -3.0088, -14.9993)
contains.

YUV(84.1030, -3.0088, -14.9993)	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(84.1030, -3.0088,
-14.9993)**

Conversions

Conversions Part 1

Format	Color
Hex	435E4E
RGB	67, 94, 78
RGB Percent	26%, 37%, 31%
CMY	0.7373, 0.6314, 0.6941
CMYK	0.29, 0.00, 0.17, 0.63
HSL	144°, 17%, 32%
HSV	144°, 29%, 37%
XYZ	7.6926, 9.7488, 8.6840
YIQ	84.1030, -10.9560, -10.7000

Conversions

Conversions Part 2

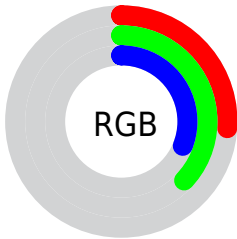
Format	Color
RYB	67, 86, 94
Decimal	4415054
CIELab	37.39, -13.84, 5.96
CIELCh	37, 15.068, 156.708
Yxy	9.7488, 0.2944, 0.3732
Android (android.graphics.Color)	4282605134 (0xFF435E4E)
YUV	84.1030, -3.0088, -14.9993
Hunter-Lab	31.2230, -10.6622, 5.3659

Details

The YUV color **84.1030, -3.0088, -14.9993** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76.8970, 3.0088, 14.9993**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6900, -3.2982, -15.5141**, and **38.6300, -2.2826, -14.5845** is the 20% darker color. If you saturate the color by 10%, you get **80.7280, -4.3029, -19.9325**, and if you desaturate by 10%, it is **87.4780, -1.7147, -10.0662**.

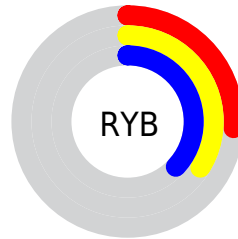
Distribution



Red (26%)

Green (37%)

Blue (31%)



Red (26%)

Yellow (34%)

Blue (37%)

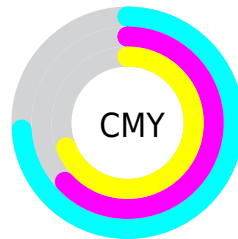


Cyan (29%)

Magenta (0%)

Yellow (17%)

Black (63%)



Cyan (74%)

Magenta (63%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.1030, -3.0088, -14.9993 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 84.1030, -3.0088, -14.9993 by changing the saturation by 10% instead.

■ 84.1030, -3.0088,
-14.9993

■ 84.1030, -3.0088,
-14.9993

■ 255.0000, 0.0000,
0.0000

■ 60.5160, -2.7194,
-14.4845

■ 133.6900, -3.2982,
-15.5141

■ 38.6300, -2.2826,
-14.5845

■ 159.9780, -3.4402,
-16.6437

■ 17.2170, -2.5720,
-15.0993

■ 186.9780, -3.4402,
-16.6437

■ 0.0000, 0.0000,
0.0000

■ 214.5650, -3.7295,
-17.1585

■ 243.1520, -4.0189,
-17.6733

■ 254.1030, 0.4422,

-1.8443

■ 84.1030, -3.0088,
-14.9993

■ 84.1030, -3.0088,
-14.9993

■ 80.7280, -4.3029,
-19.9325

■ 87.4780, -1.7147,
-10.0662

■ 77.1680, -5.0128,
-25.5803

■ 91.0380, -1.0047,
-4.4183

■ 73.7930, -6.3069,
-30.5135

■ 94.4130, 0.2894,
0.5148

■ 70.2330, -7.0169,
-36.1613

■ 97.9730, 0.9993,
6.1627

■ 66.8580, -8.3110,
-41.0945

■ 101.3480, 2.2934,
11.0958

■ 63.5970, -9.1683,
-46.1276

■ 104.6090, 3.1508,
16.1289

■ 59.9230, -10.3150,
-51.6755

■ 108.2830, 4.2975,
21.6768

■ 59.5100, -10.6044,
-52.1903

■ 111.6580, 5.5916,
26.6099

■ 115.2180, 6.3015,
32.2578

Harmonies

Analogous

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



85.9750, -8.8617, -4.3631



84.1030, -3.0088, -14.9993



82.7690, 3.5649, -23.4764

Triad

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



84.1030, -3.0088, -14.9993



87.4470, 12.1046, -9.1620



89.4710, -7.6272, 19.7579

Complementary

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



84.1030, -3.0088, -14.9993



76.8970, 3.0088, 14.9993

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.



89.6650, -1.8068, 19.5878



84.1030, -3.0088, -14.9993



89.3130, 8.7197, 3.2335

Square

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



84.1030, -3.0088, -14.9993



84.7830, 12.4320, -20.8577



89.8260, 4.0298, 14.1846



88.2270, -10.9579, 14.7099

Rectangle

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



84.1030, -3.0088, -14.9993



82.7840, 7.5015, -26.1206



89.8260, 4.0298, 14.1846



89.6390, -5.7380, 20.4876

Sweetspot

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



84.1030, -3.0088, -14.9993



118.0270, -0.9993, -6.1627



87.6330, -10.1721, -4.0631



58.4510, -0.7153, -3.9035



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.



84.1030, -3.0088, -14.9993



107.0050, -4.4395, -22.8064



85.5850, 2.6696, -16.2990



44.1630, -0.5734, -2.7740



69.7000, -12.1771, -61.1269



150.1770, -26.2163, -131.7052

Inverse Universe

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



76.8970, 3.0088, 14.9993



95.9950, 4.4395, 22.8064



75.4150, -2.6696, 16.2990



42.8370, 0.5734, 2.7740



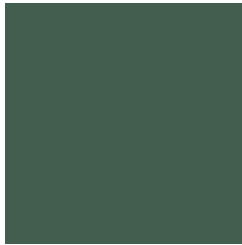
40.3000, 12.1771, 61.1269



86.9370, 26.6531, 131.6053

Previews

White Background



This preview shows how the YUV color 84.1030, -3.0088, -14.9993 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 84.1030, -3.0088, -14.9993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

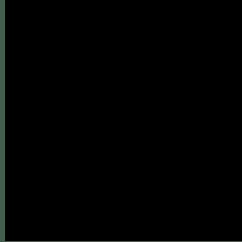
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.1030, -3.0088, -14.9993

Background



This preview shows how black text looks on a background with the YUV color 84.1030, -3.0088, -14.9993.



This preview shows how white text looks on a background with the YUV color 84.1030, -3.0088,

-14.9993.

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

84.1030, -3.0088, -14.9993

Protanopia

87.1270, -5.9786, 4.2736

Deuteranopia

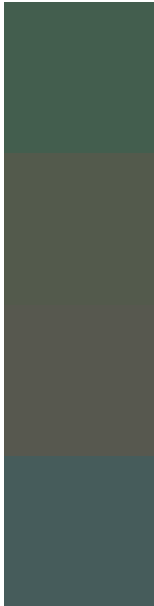
88.6160, -4.2477, 9.1068



Tritanopia

85.8180, 6.0057, -12.9954

Trichromacy



Original Color

84.1030, -3.0088, -14.9993

Protanomaly

86.3110, -5.0833, -2.9037

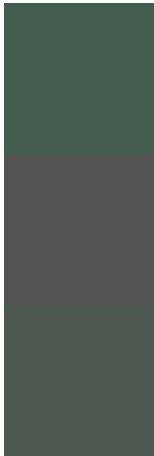
Deuteranomaly

86.6750, -3.7838, 0.2850

Tritanomaly

85.3080, 2.8062, -13.4251

Monochromacy



Original Color

84.1030, -3.0088, -14.9993

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.3260, -1.1467, -5.5479

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.1030, -3.0088, -14.9993 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(67, 94, 78)` looks like.

```
.text, #text, p{  
    color:rgb(67, 94, 78)  
}
```

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(67, 94, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 94, 78) }
```

Border

The CSS property to change the border of an element to YUV 84.1030, -3.0088, -14.9993 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(67, 94, 78) }
```


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

```
.border{ border-color:rgb(67, 94, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 94, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 94, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 94, 78);  
box-shadow:4px 4px 4px 4px rgb(67, 94, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.1030, -3.0088, -14.9993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 94, 78) }
```

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

```
.background{ background-color: rgb(67, 94,  
78) }
```

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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