

Converting Colors

YUV(67.6930, 5.5744, -14.6398)

Have a look what the booklet for
YUV(67.6930, 5.5744, -14.6398)
contains.

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Color

**YUV(67.6930, 5.5744,
-14.6398)**

Conversions

Conversions Part 1

Format	Color
Hex	334A4F
RGB	51, 74, 79
RGB Percent	20%, 29%, 31%
CMY	0.8000, 0.7098, 0.6902
CMYK	0.35, 0.06, 0.00, 0.69
HSL	191°, 22%, 25%
HSV	191°, 35%, 31%
XYZ	5.2253, 6.1659, 8.3119
YIQ	67.6930, -15.3130, -3.3210

Conversions

Conversions Part 2

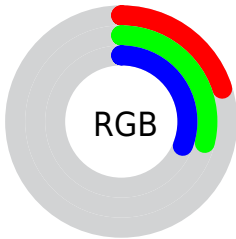
Format	Color
R_{YB}	51, 64, 79
Decimal	3361359
CIE Lab	29.83, -7.41, -5.83
CIE LCh	30, 9.429, 218.188
Yxy	6.1659, 0.2652, 0.3129
Android (android.graphics.Color)	4281551439 (0xFF334A4F)
YUV	67.6930, 5.5744, -14.6398
Hunter-Lab	24.8312, -5.8923, -2.4646

Details

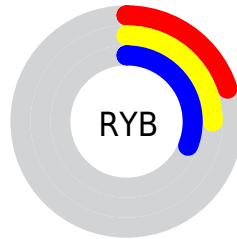
The YUV color **67.6930, 5.5744, -14.6398** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **62.3070, -5.5744, 14.6398**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.3940, 5.7218, -15.2545**, and **23.6930, 5.5744, -14.6398** is the 20% darker color. If you saturate the color by 10%, you get **64.7140, 7.0430, -19.0432**, and if you desaturate by 10%, it is **70.6720, 4.1057, -10.2363**.

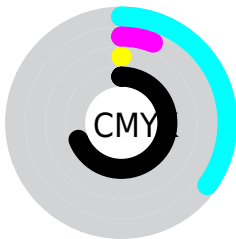
Distribution



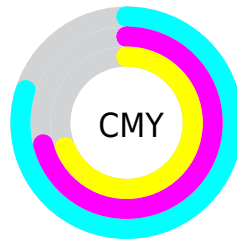
- Red (20%)
- Green (29%)
- Blue (31%)



- Red (20%)
- Yellow (25%)
- Blue (31%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (69%)



- Cyan (80%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.6930, 5.5744, -14.6398 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 67.6930, 5.5744, -14.6398 by changing the saturation by 10% instead.

■ 67.6930, 5.5744,
-14.6398

■ 67.6930, 5.5744,
-14.6398

■ 255.0000, 0.0000,
0.0000

■ 44.9920, 5.4269,
-14.0250

■ 116.3940, 5.7218,
-15.2545

■ 23.6930, 5.5744,
-14.6398

■ 141.5080, 6.1586,
-15.3545

■ 2.0690, 5.3890,
-1.8145

■ 168.2090, 6.3060,
-15.9693

■ 0.0000, 0.0000,
0.0000

■ 195.7960, 6.0166,
-16.4841

■ 223.6110, 6.6008,
-17.1988

■ 248.4220, 3.2430,

-13.5251

■ 67.6930, 5.5744,
-14.6398

■ 67.6930, 5.5744,
-14.6398

■ 64.7140, 7.0430,
-19.0432

■ 70.6720, 4.1057,
-10.2363

■ 61.1480, 8.8010,
-22.9318

■ 74.2380, 2.3477,
-6.3477

■ 58.1690, 10.2697,
-27.3352

■ 77.2170, 0.8790,
-1.9443

■ 54.6030, 12.0277,
-31.2238

■ 80.7830, -0.8790,
1.9443

■ 51.9230, 13.3490,
-35.0125

■ 83.7620, -2.3477,
6.3477

■ 48.9440, 14.8176,
-39.4159

■ 86.4420, -3.6689,
10.1364

■ 47.1610, 15.6966,
-41.3602

■ 90.0080, -5.4269,
14.0250

■ 92.9870, -6.8956,
18.4284

■ 96.5530, -8.6536,
22.3170

Harmonies

Analogous

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



67.7810, 2.0800, -13.8399



67.6930, 5.5744, -14.6398



68.5840, 7.6001, -11.0362

Triad

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



67.6930, 5.5744, -14.6398



71.9240, 2.0095, 8.8367



69.6000, -6.7048, 3.8588

Complementary

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



67.6930, 5.5744, -14.6398



62.3070, -5.5744, 14.6398

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.



70.6330, -6.7211, 9.0919



67.6930, 5.5744, -14.6398



71.3220, -1.6377, 11.9956

Square

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



67.6930, 5.5744, -14.6398



71.3900, 5.2307, 2.2890



71.2250, -4.5479, 12.0807



69.3110, -5.0833, -2.9037

Rectangle

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



67.6930, 5.5744, -14.6398



69.6060, 7.5892, -7.5475



71.2250, -4.5479, 12.0807



70.1980, -6.9996, 5.0884

Sweetspot

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



67.6930, 5.5744, -14.6398



97.5370, 2.2003, -5.7329



68.0060, -5.9190, -14.9143



48.3200, 1.3212, -3.7886



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



67.6930, 5.5744, -14.6398



84.1480, 8.8010, -22.9318



59.4750, 9.6258, -7.4326



36.8040, 0.5896, -2.4591



60.9360, 20.2446, -53.4409



137.1630, 45.7686, -120.2920

Inverse Universe

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



61.9940, 5.9190, 14.9143



75.2600, 9.2388, 23.4510



70.5250, -9.6258, 7.4326



35.6520, 1.1576, 2.0592



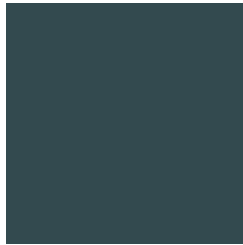
40.0740, 21.6555, 54.3091



90.3160, 48.6512, 122.5029

Previews

White Background



This preview shows how the YUV color 67.6930, 5.5744, -14.6398 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 67.6930, 5.5744, -14.6398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

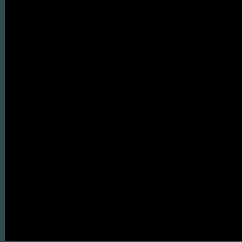
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.6930, 5.5744, -14.6398

Background



This preview shows how black text looks on a background with the YUV color 67.6930, 5.5744, -14.6398.



This preview shows how white text looks on a background with the YUV color 67.6930, 5.5744, -14.6398.

-14.6398.

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

67.6930, 5.5744, -14.6398

Protanopia

70.6840, 2.6208, -0.5999

Deuteranopia

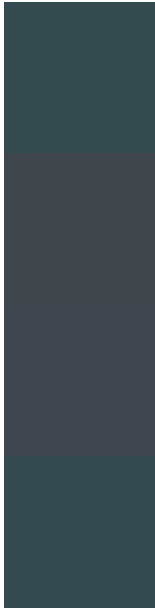
70.5640, 4.6519, 1.2594



Tritanopia

67.8070, 6.0111, -14.7397

Trichromacy



Original Color

67.6930, 5.5744, -14.6398

Protanomaly

69.2920, 3.8000, -5.5181

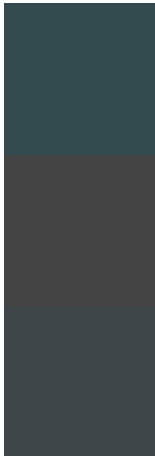
Deuteranomaly

69.3460, 5.2524, -4.6884

Tritanomaly

67.8070, 6.0111, -14.7397

Monochromacy



Original Color

67.6930, 5.5744, -14.6398

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8360, 2.0529, -5.1182

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.6930, 5.5744, -14.6398 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(51, 74, 79)` looks like.

```
.text, #text, p{  
    color:rgb(51, 74, 79)  
}
```

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(51, 74, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 74, 79) }
```

Border

The CSS property to change the border of an element to YUV 67.6930, 5.5744, -14.6398 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(51, 74, 79) }
```


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

```
.border{ border-color:rgb(51, 74, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 74, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 74, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 74, 79);  
box-shadow:4px 4px 4px 4px rgb(51, 74, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.6930, 5.5744, -14.6398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 74, 79) }
```

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

```
.background{ background-color: rgb(51, 74,  
79) }
```

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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