

Converting Colors

YUV(68.7470, 7.0267, -13.8101)

Have a look what the booklet for
YUV(68.7470, 7.0267, -13.8101)
contains.

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Color

**YUV(68.7470, 7.0267,
-13.8101)**

Conversions

Conversions Part 1

Format	Color
Hex	354A53
RGB	53, 74, 83
RGB Percent	21%, 29%, 33%
CMY	0.7922, 0.7098, 0.6745
CMYK	0.36, 0.11, 0.00, 0.67
HSL	198°, 22%, 27%
HSV	198°, 36%, 33%
XYZ	5.4783, 6.2790, 9.1068
YIQ	68.7470, -15.4050, -1.6530

Conversions

Conversions Part 2

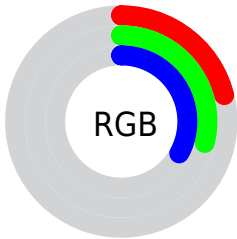
Format	Color
R_{YB}	53, 65, 83
Decimal	3492435
CIE Lab	30.11, -5.59, -7.97
CIE LCh	30, 9.737, 234.957
Yxy	6.2790, 0.2626, 0.3009
Android (android.graphics.Color)	4281682515 (0xFF354A53)
YUV	68.7470, 7.0267, -13.8101
Hunter-Lab	25.0579, -4.8265, -4.0074

Details

The YUV color **68.7470, 7.0267, -13.8101** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **67.2530, -7.0267, 13.8101**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.4480, 7.1741, -14.4249**, and **24.3340, 6.7373, -14.3249** is the 20% darker color. If you saturate the color by 10%, you get **65.1810, 8.7848, -17.6987**, and if you desaturate by 10%, it is **72.3130, 5.2687, -9.9215**.

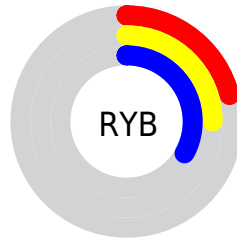
Distribution



Red (21%)

Green (29%)

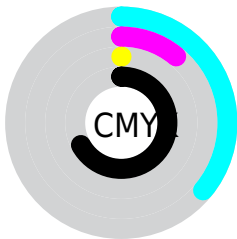
Blue (33%)



Red (21%)

Yellow (25%)

Blue (33%)

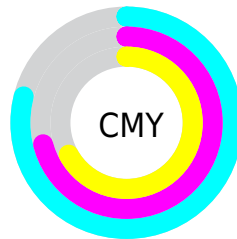


Cyan (36%)

Magenta (11%)

Yellow (0%)

Black (67%)



Cyan (79%)

Magenta (71%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.7470, 7.0267, -13.8101 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 68.7470, 7.0267, -13.8101 by changing the saturation by 10% instead.

■ 68.7470, 7.0267,
-13.8101

■ 68.7470, 7.0267,
-13.8101

■ 255.0000, 0.0000,
0.0000

■ 46.0460, 6.8793,
-13.1953

■ 117.4480, 7.1741,
-14.4249

■ 24.3340, 6.7373,
-14.3249

■ 142.6760, 8.0477,
-14.6249

■ 3.2260, 7.2836,
-2.8292

■ 169.2630, 7.7583,
-15.1397

■ 0.0000, 0.0000,
0.0000

■ 196.3770, 8.1951,
-15.2396

■ 225.0780, 8.3425,
-15.8544

■ 249.0200, 2.9481,

-12.2955

■ 68.7470, 7.0267,
-13.8101

■ 68.7470, 7.0267,
-13.8101

■ 65.1810, 8.7848,
-17.6987

■ 72.3130, 5.2687,
-9.9215

■ 60.7290, 10.9796,
-21.6873

■ 76.7650, 3.0739,
-5.9329

■ 57.1630, 12.7376,
-25.5760

■ 80.3310, 1.3158,
-2.0443

■ 53.0100, 14.7851,
-28.9498

■ 84.4840, -0.7316,
1.3295

■ 49.1450, 16.6905,
-33.4532

■ 88.0500, -2.4896,
5.2182

■ 44.9920, 18.7379,
-36.8270

■ 92.5020, -4.6845,
9.2067

■ 43.5080, 19.4696,
-38.1565

■ 96.0680, -6.4425,
13.0954

■ 100.2210, -8.4900,
16.4692

■ 104.0860,
-10.3954, 20.9726

Harmonies

Analogous

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



68.0520, 4.4114, -14.9546



68.7470, 7.0267, -13.8101



70.3070, 7.7366, -8.1622

Triad

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



68.7470, 7.0267, -13.8101



72.3650, -0.1799, 11.0809



69.6920, -6.2572, 0.2701

Complementary

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



68.7470, 7.0267, -13.8101



67.2530, -7.0267, 13.8101

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.



70.7960, -7.2944, 6.3179



68.7470, 7.0267, -13.8101



72.1650, -3.5323, 13.0103

Square

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



68.7470, 7.0267, -13.8101



72.3690, 3.7621, 6.6924



71.7580, -6.2897, 10.7362



68.7450, -3.3253, -6.7924

Rectangle

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



68.7470, 7.0267, -13.8101



70.8130, 6.9942, -3.3440



71.7580, -6.2897, 10.7362



70.4750, -7.1362, 2.2144

Sweetspot

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



68.7470, 7.0267, -13.8101



101.6510, 2.6371, -5.8329



71.6360, -4.7505, -16.3438



50.1460, 1.9000, -2.7590



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



68.7470, 7.0267, -13.8101



85.0280, 10.8322, -21.0726



59.9420, 11.3676, -6.0881



39.2170, 0.8790, -1.9443



54.8210, 24.7382, -48.0780



121.5420, 54.4558, -106.5923

Inverse Universe

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



64.3640, 4.7505, 16.3438



78.4020, 7.1968, 25.0804



76.0580, -11.3676, 6.0881



38.5380, 0.7208, 2.1592



39.7170, 16.4085, 57.2532



87.8360, 36.5629, 126.4318

Previews

White Background



This preview shows how the YUV color 68.7470, 7.0267, -13.8101 looks on a white background.

Color Contrast Check

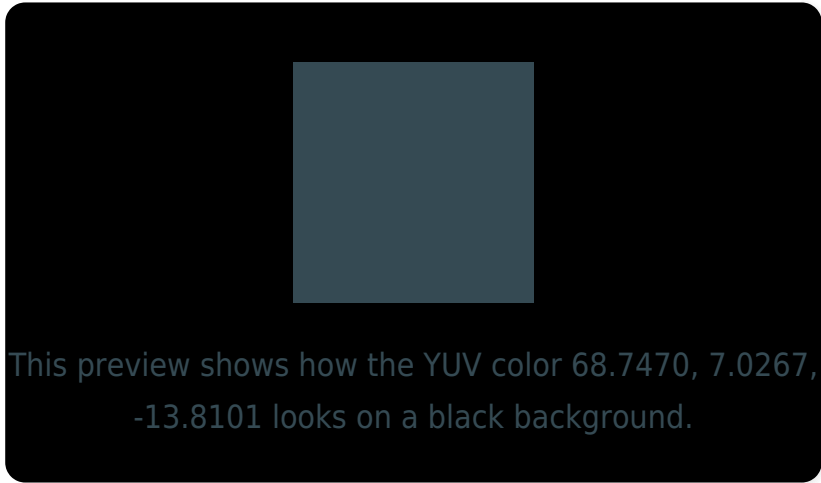
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

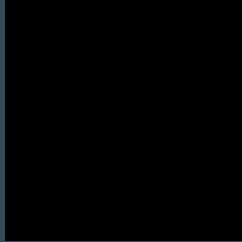
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

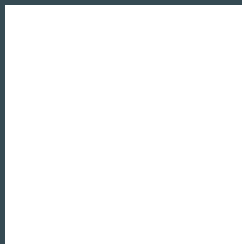
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 68.7470, 7.0267, -13.8101

Background



This preview shows how black text looks on a background with the YUV color 68.7470, 7.0267, -13.8101.



This preview shows how white text looks on a background with the YUV color 68.7470, 7.0267, -13.8101.

-13.8101.

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

68.7470, 7.0267, -13.8101

Protanopia

70.8410, 4.5154, -1.6146

Deuteranopia

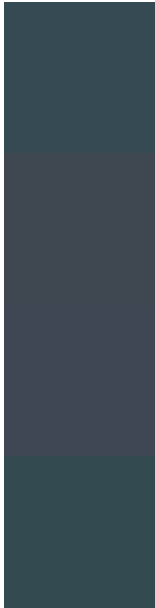
71.3080, 6.2572, -0.2701



Tritanopia

68.1060, 5.8637, -14.1250

Trichromacy



Original Color

68.7470, 7.0267, -13.8101

Protanomaly

69.7480, 5.5472, -5.9180

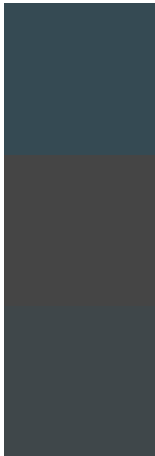
Deuteranomaly

70.3890, 6.7102, -5.6032

Tritanomaly

68.2200, 6.3005, -14.2249

Monochromacy



Original Color

68.7470, 7.0267, -13.8101

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.9500, 2.4897, -5.2181

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.7470, 7.0267, -13.8101 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(53, 74, 83)` looks like.

```
.text, #text, p{  
    color:rgb(53, 74, 83)  
}
```

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(53, 74, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 74, 83) }
```

Border

The CSS property to change the border of an element to YUV 68.7470, 7.0267, -13.8101 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(53, 74, 83) }
```


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

```
.border{ border-color:rgb(53, 74, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 74, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 74, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 74, 83);  
box-shadow:4px 4px 4px 4px rgb(53, 74, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.7470, 7.0267, -13.8101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 74, 83) }
```

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

```
.background{ background-color: rgb(53, 74,  
83) }
```

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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