

Converting Colors

YUV(66.1380, 7.3270, -16.7840)

Have a look what the booklet for
YUV(66.1380, 7.3270, -16.7840)
contains.

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Color

**YUV(66.1380, 7.3270,
-16.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	2F4951
RGB	47, 73, 81
RGB Percent	18%, 29%, 32%
CMY	0.8157, 0.7137, 0.6824
CMYK	0.42, 0.10, 0.00, 0.68
HSL	194°, 27%, 25%
HSV	194°, 42%, 32%
XYZ	5.0400, 5.9635, 8.6700
YIQ	66.1380, -18.0640, -3.0240

Conversions

Conversions Part 2

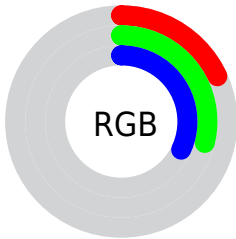
Format	Color
RYB	47, 62, 81
Decimal	3098961
CIELab	29.32, -7.50, -7.90
CIElCh	29, 10.897, 226.506
Yxy	5.9635, 0.2562, 0.3031
Android (android.graphics.Color)	4281289041 (0xFF2F4951)
YUV	66.1380, 7.3270, -16.7840
Hunter-Lab	24.4203, -5.8954, -3.9557

Details

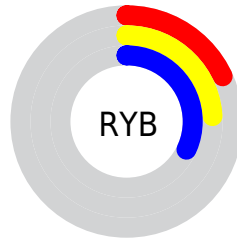
The YUV color **66.1380, 7.3270, -16.7840** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **61.8620, -7.3270, 16.7840**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.8390, 7.4744, -17.3988**, and **21.7250, 7.0376, -17.2988** is the 20% darker color. If you saturate the color by 10%, you get **62.5720, 9.0850, -20.6726**, and if you desaturate by 10%, it is **69.7040, 5.5689, -12.8954**.

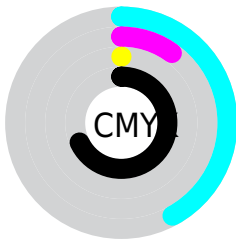
Distribution



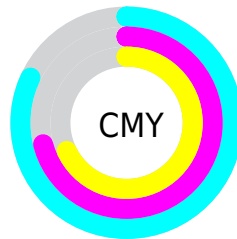
- Red (18%)
- Green (29%)
- Blue (32%)



- Red (18%)
- Yellow (24%)
- Blue (32%)



- Cyan (42%)
- Magenta (10%)
- Yellow (0%)
- Black (68%)



- Cyan (82%)
- Magenta (71%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.1380, 7.3270, -16.7840 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 66.1380, 7.3270, -16.7840 by changing the saturation by 10% instead.

■ 66.1380, 7.3270,
-16.7840

■ 66.1380, 7.3270,
-16.7840

■ 255.0000, 0.0000,
0.0000

■ 43.1380, 7.3270,
-16.7840

■ 114.8390, 7.4744,
-17.3988

■ 21.7250, 7.0376,
-17.2988

■ 139.9530, 7.9112,
-17.4988

■ 2.2970, 6.2626,
-2.0145

■ 166.6540, 8.0586,
-18.1136

■ 0.0000, 0.0000,
0.0000

■ 193.7680, 8.4954,
-18.2135

■ 221.4690, 8.6428,
-18.8283

■ 247.2260, 3.8326,

-15.9842

■ 66.1380, 7.3270,
-16.7840

■ 66.1380, 7.3270,
-16.7840

■ 62.5720, 9.0850,
-20.6726

■ 69.7040, 5.5689,
-12.8954

■ 59.0060, 10.8430,
-24.5613

■ 73.2700, 3.8109,
-9.0068

■ 55.4400, 12.6011,
-28.4499

■ 76.8360, 2.0529,
-5.1182

■ 51.8740, 14.3591,
-32.3385

■ 80.4020, 0.2948,
-1.2296

■ 48.3080, 16.1172,
-36.2271

■ 84.2670, -1.6106,
3.2738

■ 45.6280, 17.4384,
-40.0158

■ 87.2460, -3.0793,
7.6773

■ 90.8120, -4.8373,
11.5659

■ 94.3780, -6.5954,
15.4545

■ 97.9440, -8.3534,
19.3431

Harmonies

Analogous

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



65.6280, 4.1274, -17.2138



66.1380, 7.3270, -16.7840



67.5130, 8.6211, -11.8509

Triad

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



66.1380, 7.3270, -16.7840



70.4190, 1.2724, 11.9105



68.3610, -7.5730, 2.3144

Complementary

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



66.1380, 7.3270, -16.7840



61.8620, -7.3270, 16.7840

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.



68.9920, -7.8841, 8.7770



66.1380, 7.3270, -16.7840



70.4040, -2.6642, 14.5547

Square

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



66.1380, 7.3270, -16.7840



70.1130, 5.3673, 5.1629



70.0680, -6.4425, 13.0954



67.0010, -4.9305, -5.2629

Rectangle

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



66.1380, 7.3270, -16.7840



68.8450, 8.4574, -6.0031



70.0680, -6.4425, 13.0954



68.5570, -8.1626, 4.7735

Sweetspot

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



66.1380, 7.3270, -16.7840



98.4660, 3.2213, -6.5477



67.8700, -6.3449, -18.3030



50.1350, 1.9054, -4.5034



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.



66.1380, 7.3270, -16.7840



81.5220, 11.5747, -25.8908



56.1590, 12.2466, -8.0324



39.2170, 0.8790, -1.9443



58.9300, 22.7125, -51.6816



130.3470, 50.1149, -114.3143

Inverse Universe

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



60.1300, 6.3449, 18.3030



72.4070, 9.6593, 28.5841



71.8410, -12.2466, 8.0324



38.5380, 0.7208, 2.1592



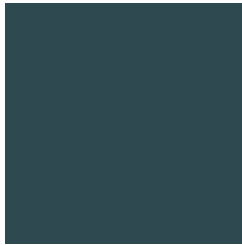
40.5150, 19.4661, 56.5533



89.5460, 43.1148, 124.9322

Previews

White Background



This preview shows how the YUV color 66.1380, 7.3270, -16.7840 looks on a white background.

Color Contrast Check

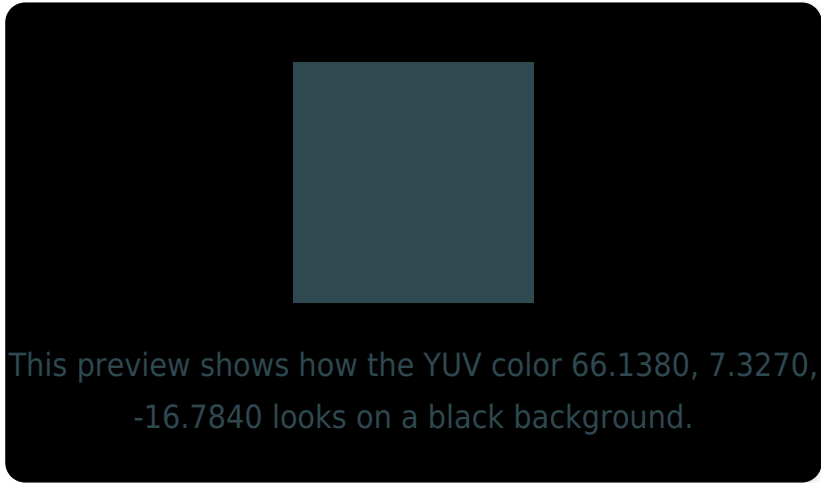
Large Text (above 18pt) WCAG AA ✓ Pass

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

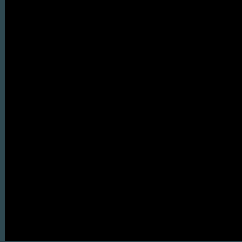
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.1380, 7.3270, -16.7840

Background



This preview shows how black text looks on a background with the YUV color 66.1380, 7.3270, -16.7840.



This preview shows how white text looks on a background with the YUV color 66.1380, 7.3270, -16.7840.

-16.7840.

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

66.1380, 7.3270, -16.7840

Protanopia

68.8410, 4.5154, -1.6146

Deuteranopia

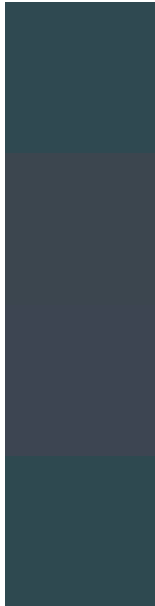
69.3080, 6.2572, -0.2701



Tritanopia

65.6110, 6.6008, -17.1988

Trichromacy



Original Color

66.1380, 7.3270, -16.7840

Protanomaly

68.0360, 5.4053, -7.0476

Deuteranomaly

68.0900, 6.8576, -6.2179

Tritanomaly

65.7250, 7.0376, -17.2988

Monochromacy



Original Color

66.1380, 7.3270, -16.7840

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.2380, 2.3477, -6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.1380, 7.3270, -16.7840 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(47, 73, 81)` looks like.

```
.text, #text, p{  
    color:rgb(47, 73, 81)  
}
```

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(47, 73, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 73, 81) }
```

Border

The CSS property to change the border of an element to YUV 66.1380, 7.3270, -16.7840 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(47, 73, 81) }
```


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

```
.border{ border-color:rgb(47, 73, 81) }
```

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

Here you see how a box with a 4 pixel rgb(47, 73, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 73, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 73, 81);  
box-shadow:4px 4px 4px 4px rgb(47, 73, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.1380, 7.3270, -16.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 73, 81) }
```

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

```
.background{ background-color: rgb(47, 73,  
81) }
```

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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