

Converting Colors

YUV(67.9620, 14.3157,
-18.3837)

Have a look what the booklet for
YUV(67.9620, 14.3157, -18.3837)
contains.

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Color

**YUV(67.9620, 14.3157,
-18.3837)**

Conversions

Conversions Part 1

Format	Color
Hex	2F4961
RGB	47, 73, 97
RGB Percent	18%, 29%, 38%
CMY	0.8157, 0.7137, 0.6196
CMYK	0.52, 0.25, 0.00, 0.62
HSL	209°, 35%, 28%
HSV	209°, 52%, 38%
XYZ	5.7125, 6.2325, 12.2112
YIQ	67.9620, -23.2000, 1.9520

Conversions

Conversions Part 2

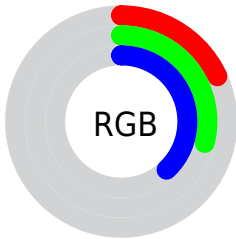
Format	Color
R_{YB}	47, 64, 97
Decimal	3098977
CIE _{Lab}	29.99, -2.39, -17.15
CIE _{LCh}	30, 17.318, 262.082
Yxy	6.2325, 0.2365, 0.2580
Android (android.graphics.Color)	4281289057 (0xFF2F4961)
YUV	67.9620, 14.3157, -18.3837
Hunter-Lab	24.9650, -2.8442, -11.5252

Details

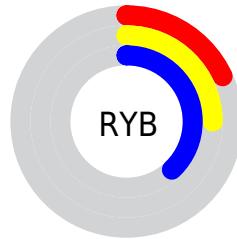
The YUV color **67.9620, 14.3157, -18.3837** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **76.0380, -14.3157, 18.3837**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.6030, 15.4787, -18.0688**, and **23.3100, 13.1582, -20.4429** is the 20% darker color. If you saturate the color by 10%, you get **62.0370, 17.2368, -21.9574**, and if you desaturate by 10%, it is **73.8870, 11.3947, -14.8099**.

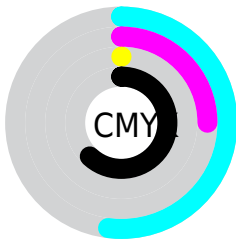
Distribution



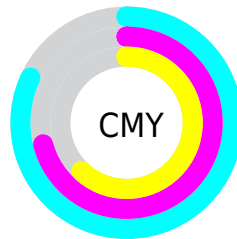
- Red (18%)
- Green (29%)
- Blue (38%)



- Red (18%)
- Yellow (25%)
- Blue (38%)



- Cyan (52%)
- Magenta (25%)
- Yellow (0%)
- Black (62%)



- Cyan (82%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.9620, 14.3157, -18.3837 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 67.9620, 14.3157, -18.3837 by changing the saturation by 10% instead.

67.9620, 14.3157,
-18.3837

67.9620, 14.3157,
-18.3837

255.0000, 0.0000,
0.0000

44.8370, 13.8844,
-20.0280

116.6030, 15.4787,
-18.0688

23.3100, 13.1582,
-20.4429

142.6030, 15.4787,
-18.0688

4.5940, 12.5252,
-4.0289

169.4180, 16.0629,
-18.7836

0.0000, 0.0000,
0.0000

196.5320, 16.4997,
-18.8836

224.1900, 15.1893,
-18.5836

248.1230, 3.3904,

-14.1399

■ 67.9620, 14.3157,
-18.3837

■ 67.9620, 14.3157,
-18.3837

■ 62.0370, 17.2368,
-21.9574

■ 73.8870, 11.3947,
-14.8099

■ 56.9980, 19.7210,
-25.4312

■ 78.9260, 8.9105,
-11.3361

■ 51.0730, 22.6420,
-29.0050

■ 84.8510, 5.9895,
-7.7623

■ 45.1480, 25.5630,
-32.5788

■ 90.7760, 3.0684,
-4.1886

■ 40.4080, 27.8999,
-35.4378

■ 96.1140, 0.4368,
-0.1000

■ 101.7400, -2.3368,
2.8590

■ 107.6650, -5.2578,
6.4328

■ 113.0030, -7.8895,
10.5214

■ 118.6290,
-10.6631, 13.4804

Harmonies

Analogous

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



63.6570, 13.4801, -30.3942



67.9620, 14.3157, -18.3837



70.7790, 11.9410, -3.3142

Triad

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



67.9620, 14.3157, -18.3837



71.7640, -5.3067, 22.1320



66.9140, -6.3666, -11.3256

Complementary

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



67.9620, 14.3157, -18.3837



76.0380, -14.3157, 18.3837

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.



68.9110, -11.7881, 0.9551



67.9620, 14.3157, -18.3837



71.0750, -10.3900, 19.2282

Square

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



67.9620, 14.3157, -18.3837



72.7620, 1.1033, 19.5027



70.3360, -12.9836, 11.1063



64.6720, 0.6547, -23.3913

Rectangle

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



67.9620, 14.3157, -18.3837



72.1500, 9.2931, 6.0075



70.3360, -12.9836, 11.1063



67.6650, -8.7088, -6.7222

Sweetspot

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



67.9620, 14.3157, -18.3837



114.0360, 5.4053, -7.0476



78.9720, -4.4232, -28.0394



56.8900, 3.5052, -4.2885



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



67.9620, 14.3157, -18.3837



79.9590, 22.2052, -28.9050



53.8740, 21.2611, -6.0285



45.6300, 1.1684, -1.4295



46.8140, 32.1367, -41.0559



100.7350, 68.6576, -88.3446

Inverse Universe

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



64.9140, 3.9864, 28.1394



74.9960, 6.4110, 43.8535



90.1260, -21.2611, 6.0285



45.4240, 0.2840, 2.2592



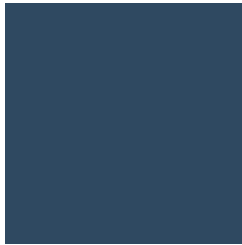
40.1000, 8.8247, 63.0563



86.0100, 19.2221, 135.0492

Previews

White Background



This preview shows how the YUV color 67.9620, 14.3157, -18.3837 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 67.9620, 14.3157, -18.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

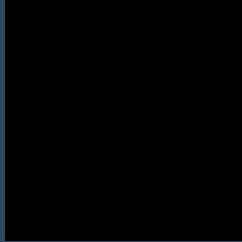
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

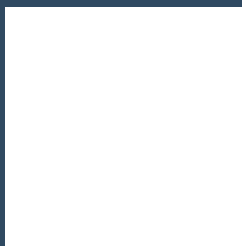
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 67.9620, 14.3157, -18.3837

Background



This preview shows how black text looks on a background with the YUV color 67.9620, 14.3157, -18.3837.



This preview shows how white text looks on a background with the YUV color 67.9620, 14.3157,

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

67.9620, 14.3157, -18.3837

Protanopia

70.6430, 11.5150, -6.7029

Deuteranopia

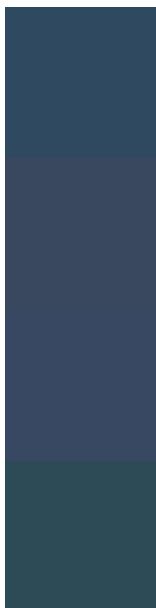
70.5010, 13.5570, -8.3324



Tritanopia

66.5180, 7.6326, -21.5023

Trichromacy



Original Color

67.9620, 14.3157, -18.3837

Protanomaly

69.5500, 12.5469, -11.0063

Deuteranomaly

69.5930, 14.0047, -11.9211

Tritanomaly

67.0990, 9.8112, -20.2578

Monochromacy



Original Color

67.9620, 14.3157, -18.3837

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0360, 5.4053, -7.0476

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.9620, 14.3157, -18.3837 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, 97)` looks like.

```
.text, #text, p{  
    color:rgb(47, 73, 97)  
}
```

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, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 73, 97) }
```

Border

The CSS property to change the border of an element to YUV 67.9620, 14.3157, -18.3837 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, 97) }
```


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

```
.border{ border-color:rgb(47, 73, 97) }
```

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, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 73, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 73, 97);  
box-shadow:4px 4px 4px 4px rgb(47, 73, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.9620, 14.3157, -18.3837 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, 97) }
```

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

```
.background{ background-color: rgb(47, 73,  
97) }
```

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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