

Converting Colors

YUV(67.4780, 15.0473,
-19.7132)

Have a look what the booklet for
YUV(67.4780, 15.0473, -19.7132)
contains.

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Color

**YUV(67.4780, 15.0473,
-19.7132)**

Conversions

Conversions Part 1

Format	Color
Hex	2D4962
RGB	45, 73, 98
RGB Percent	18%, 29%, 38%
CMY	0.8235, 0.7137, 0.6157
CMYK	0.54, 0.26, 0.00, 0.62
HSL	208°, 37%, 28%
HSV	208°, 54%, 38%
XYZ	5.6693, 6.2048, 12.4541
YIQ	67.4780, -24.7130, 1.8390

Conversions

Conversions Part 2

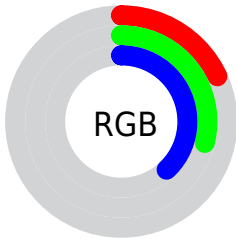
Format	Color
R_{YB}	45, 63, 98
Decimal	2967906
CIE _{Lab}	29.92, -2.59, -17.91
CIE _{LCh}	30, 18.091, 261.781
Yxy	6.2048, 0.2330, 0.2550
Android (android.graphics.Color)	4281157986 (0xFF2D4962)
YUV	67.4780, 15.0473, -19.7132
Hunter-Lab	24.9095, -2.9654, -12.2069

Details

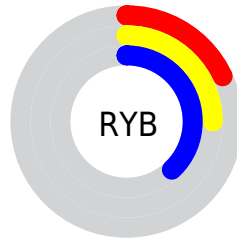
The YUV color **67.4780, 15.0473, -19.7132** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **75.5220, -15.0473, 19.7132**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.4180, 16.0629, -18.7836**, and **23.4240, 13.5950, -20.5428** is the 20% darker color. If you saturate the color by 10%, you get **61.5530, 17.9684, -23.2870**, and if you desaturate by 10%, it is **73.4030, 12.1263, -16.1394**.

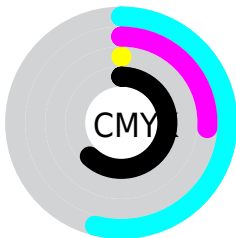
Distribution



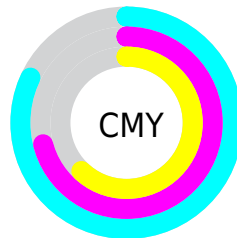
- Red (18%)
- Green (29%)
- Blue (38%)



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



- Cyan (54%)
- Magenta (26%)
- Yellow (0%)
- Black (62%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 67.4780, 15.0473, -19.7132 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 67.4780, 15.0473, -19.7132 by changing the saturation by 10% instead.

■ 67.4780, 15.0473,
-19.7132

■ 67.4780, 15.0473,
-19.7132

■ 255.0000, 0.0000,
0.0000

■ 44.3530, 14.6160,
-21.3576

■ 116.4180, 16.0629,
-18.7836

■ 23.4240, 13.5950,
-20.5428

■ 142.1190, 16.2103,
-19.3984

■ 4.7080, 12.9620,
-4.1289

■ 169.2330, 16.6471,
-19.4983

■ 0.1140, 0.4368,
-0.1000

■ 196.3470, 17.0839,
-19.5983

■ 0.0000, 0.0000,
0.0000

■ 223.8910, 15.3367,
-19.1984

■ 247.5250, 3.6852,

-15.3694

■ 67.4780, 15.0473,
-19.7132

■ 67.4780, 15.0473,
-19.7132

■ 61.5530, 17.9684,
-23.2870

■ 73.4030, 12.1263,
-16.1394

■ 56.2150, 20.6000,
-27.3756

■ 78.7410, 9.4947,
-12.0509

■ 50.5890, 23.3736,
-30.3346

■ 84.3670, 6.7211,
-9.0919

■ 45.2510, 26.0053,
-34.4231

■ 89.7050, 4.0894,
-5.0033

■ 41.6960, 27.7579,
-36.5674

■ 95.6300, 1.1684,
-1.4295

■ 101.5550, -1.7526,
2.1443

■ 106.8930, -4.3842,
6.2328

■ 112.5190, -7.1579,
9.1918

■ 118.4440,
-10.0789, 12.7656

Harmonies

Analogous

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



62.5750, 14.5065, -32.9533



67.4780, 15.0473, -19.7132



70.8930, 12.3778, -3.4142

Triad

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



67.4780, 15.0473, -19.7132



71.4760, -5.1647, 23.2615



66.5010, -6.6560, -11.8404

Complementary

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



67.4780, 15.0473, -19.7132



75.5220, -15.0473, 19.7132

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.



68.7970, -12.2249, 1.0550



67.4780, 15.0473, -19.7132



71.2600, -10.9742, 19.9430

Square

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



67.4780, 15.0473, -19.7132



72.1750, 1.3927, 20.0175



69.9340, -13.2785, 12.3359



64.0740, 0.9495, -24.6209

Rectangle

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



67.4780, 15.0473, -19.7132



72.1500, 9.2931, 6.0075



69.9340, -13.2785, 12.3359



67.2520, -8.9982, -7.2370

Sweetspot

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



67.4780, 15.0473, -19.7132



115.8510, 5.9895, -7.7623



78.9610, -4.4178, -29.7838



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.



67.4780, 15.0473, -19.7132



79.7030, 23.8104, -30.4345



52.2160, 22.5715, -6.3284



45.6300, 1.1684, -1.4295



47.4010, 31.8473, -41.5707



101.9090, 68.0789, -89.3742

Inverse Universe

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



64.0390, 4.4178, 29.7838



74.7190, 6.5475, 46.7274



90.7840, -22.5715, 6.3284



45.4240, 0.2840, 2.2592



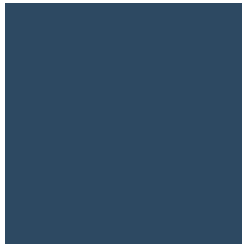
40.2140, 9.2615, 62.9563



86.2380, 20.0957, 134.8493

Previews

White Background



This preview shows how the YUV color 67.4780, 15.0473, -19.7132 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 67.4780, 15.0473, -19.7132 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

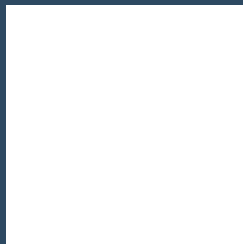
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 67.4780, 15.0473, -19.7132

Background



This preview shows how black text looks on a background with the YUV color 67.4780, 15.0473, -19.7132.



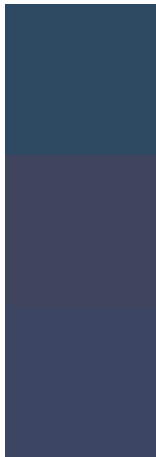
This preview shows how white text looks on a background with the YUV color 67.4780, 15.0473,

-19.7132.

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

67.4780, 15.0473, -19.7132

Protanopia

70.1700, 12.2412, -6.2881

Deuteranopia

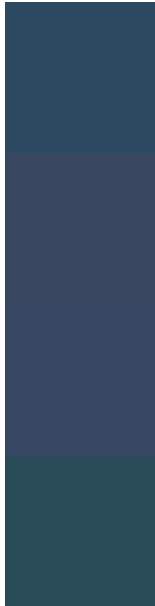
70.3160, 14.1412, -9.0471



Tritanopia

65.6210, 8.0748, -23.3466

Trichromacy



Original Color

67.4780, 15.0473, -19.7132

Protanomaly

68.7780, 13.4204, -11.2063

Deuteranomaly

69.4080, 14.5889, -12.6358

Tritanomaly

66.3160, 10.6902, -22.2021

Monochromacy



Original Color

67.4780, 15.0473, -19.7132

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0360, 5.4053, -7.0476

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4780, 15.0473, -19.7132 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(45, 73, 98)` looks like.

```
.text, #text, p{  
    color:rgb(45, 73, 98)  
}
```

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(45, 73, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 73, 98) }
```

Border

The CSS property to change the border of an element to YUV 67.4780, 15.0473, -19.7132 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(45, 73, 98) }
```


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

```
.border{ border-color:rgb(45, 73, 98) }
```

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

Here you see how a box with a 4 pixel rgb(45, 73, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 73, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 73, 98);  
box-shadow:4px 4px 4px 4px rgb(45, 73, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.4780, 15.0473, -19.7132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 73, 98) }
```

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

```
.background{ background-color: rgb(45, 73,  
98) }
```

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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