

Converting Colors

YUV(47.6800, 11.9898,
-19.0134)

Have a look what the booklet for
YUV(47.6800, 11.9898, -19.0134)
contains.

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Color

**YUV(47.6800, 11.9898,
-19.0134)**

Conversions

Conversions Part 1

Format	Color
Hex	1A3648
RGB	26, 54, 72
RGB Percent	10%, 21%, 28%
CMY	0.8980, 0.7882, 0.7176
CMYK	0.64, 0.25, 0.00, 0.72
HSL	203°, 47%, 19%
HSV	203°, 64%, 28%
XYZ	2.9149, 3.3258, 6.6192
YIQ	47.6800, -22.4660, -0.3380

Conversions

Conversions Part 2

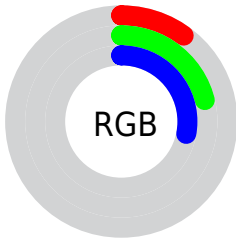
Format	Color
RYB	26, 43, 72
Decimal	1717832
CIELab	21.30, -4.29, -14.32
CIELCh	21, 14.951, 253.332
Yxy	3.3258, 0.2267, 0.2586
Android (android.graphics.Color)	4279907912 (0xFF1A3648)
YUV	47.6800, 11.9898, -19.0134
Hunter-Lab	18.2368, -3.3841, -8.7540




Details

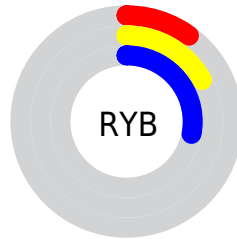
The YUV color **47.6800, 11.9898, -19.0134** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.3200, -11.9898, 19.0134**, and the grayscale version is **48.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **95.2070, 12.7159, -18.5985**, and **8.5890, 10.0626, -7.5326** is the 20% darker color. If you saturate the color by 10%, you get **43.8260, 13.8898, -21.7724**, and if you desaturate by 10%, it is **51.5340, 10.0897, -16.2543**.

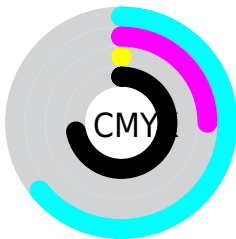
Distribution







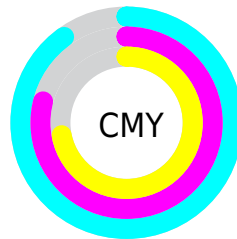
-  Red (10%)
-  Green (21%)
-  Blue (28%)






-  Red (10%)
-  Yellow (17%)
-  Blue (28%)



-  Cyan (64%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (72%)



-  Cyan (90%)
-  Magenta (79%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.6800, 11.9898, -19.0134 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 47.6800, 11.9898, -19.0134 by changing the saturation by 10% instead.

■ 47.6800, 11.9898,
-19.0134

■ 47.6800, 11.9898,
-19.0134

■ 255.0000, 0.0000,
0.0000

■ 25.2560, 11.7058,
-21.2725

■ 95.2070, 12.7159,
-18.5985

■ 8.5890, 10.0626,
-7.5326

■ 120.2070, 12.7159,
-18.5985

■ 0.0000, 0.0000,
0.0000

■ 145.7340, 13.4421,
-18.1837

■ 172.4350, 13.5895,
-18.7985

■ 200.1360, 13.7370,
-19.4133

■ 228.0220, 13.3002,

-19.3133

■ 248.7210, 3.0955,
-12.9103

■ 47.6800, 11.9898,
-19.0134

■ 47.6800, 11.9898,
-19.0134

■ 43.8260, 13.8898,
-21.7724

■ 51.5340, 10.0897,
-16.2543

■ 39.9720, 15.7898,
-24.5314

■ 55.3880, 8.1897,
-13.4953

■ 36.4060, 17.5478,
-28.4201

■ 58.9540, 6.4317,
-9.6067

■ 34.0360, 18.7163,
-29.8496

■ 62.8080, 4.5317,
-6.8476

■ 66.6620, 2.6316,
-4.0886

■ 70.5160, 0.7316,
-1.3295

■ 74.3700, -1.1684,
1.4295

■ 78.5230, -3.2158,
4.8033

■ 81.7900, -4.8265,
8.0772

Harmonies

Analogous

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



43.9840, 10.8539, -28.0500



47.6800, 11.9898, -19.0134



51.3010, 10.2046, -6.4030

Triad

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



47.6800, 11.9898, -19.0134



52.4260, -2.6750, 18.0434



48.5340, -6.6723, -6.6073

Complementary

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



47.6800, 11.9898, -19.0134



50.3200, -11.9898, 19.0134

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.



49.9760, -10.3412, 3.5290



47.6800, 11.9898, -19.0134



51.8620, -7.3270, 16.7840

Square

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



47.6800, 11.9898, -19.0134



52.4840, 2.7194, 14.4845



50.7320, -10.2209, 11.6360



46.8470, -1.4036, -16.5288

Rectangle

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



47.6800, 11.9898, -19.0134



52.3020, 8.7251, 1.4891



50.7320, -10.2209, 11.6360



49.1000, -8.4303, -2.7187

Sweetspot

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



47.6800, 11.9898, -19.0134



84.5090, 4.6791, -7.4624



55.0540, -5.4496, -25.4804



42.3630, 2.7790, -4.7034



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



47.6800, 11.9898, -19.0134



56.0360, 18.7163, -29.8496



34.1790, 18.6458, -7.1730



33.6300, 1.1684, -1.4295



47.0930, 25.5902, -41.3006



106.8840, 59.2172, -93.7373

Inverse Universe

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



42.9460, 5.4496, 25.4804



48.5440, 8.6058, 39.8649



63.8210, -18.6458, 7.1730



33.4240, 0.2840, 2.2592



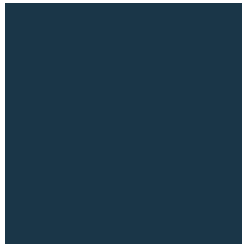
36.5550, 12.0514, 54.7643



83.6050, 26.8167, 125.7574

Previews

White Background



This preview shows how the YUV color 47.6800, 11.9898, -19.0134 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 47.6800, 11.9898, -19.0134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

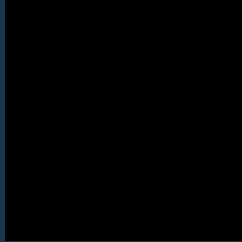
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.6800, 11.9898, -19.0134

Background



This preview shows how black text looks on a background with the YUV color 47.6800, 11.9898, -19.0134.



This preview shows how white text looks on a background with the YUV color 47.6800, 11.9898,

-19.0134.

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

47.6800, 11.9898, -19.0134

Protanopia

50.9700, 8.8888, -4.3587

Deuteranopia

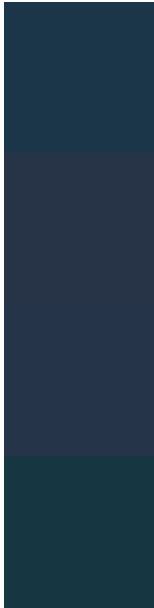
51.1160, 10.7888, -7.1177



Tritanopia

45.8060, 7.4906, -22.6319

Trichromacy



Original Color

47.6800, 11.9898, -19.0134

Protanomaly

49.5780, 10.0680, -9.2769

Deuteranomaly

49.9090, 11.3839, -11.3212

Tritanomaly

46.2730, 9.2324, -21.2874

Monochromacy



Original Color

47.6800, 11.9898, -19.0134

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8080, 4.5317, -6.8476

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.6800, 11.9898, -19.0134 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(26, 54, 72)` looks like.

```
.text, #text, p{  
    color:rgb(26, 54, 72)  
}
```

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(26, 54, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 54, 72) }
```

Border

The CSS property to change the border of an element to YUV 47.6800, 11.9898, -19.0134 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(26, 54, 72) }
```


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

```
.border{ border-color:rgb(26, 54, 72) }
```

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

Here you see how a box with a 4 pixel rgb(26, 54, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 54, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 54, 72);  
box-shadow:4px 4px 4px 4px rgb(26, 54, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.6800, 11.9898, -19.0134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 54, 72) }
```

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

```
.background{ background-color: rgb(26, 54,  
72) }
```

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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