

Converting Colors

YUV(67.0980, 11.2907,
-28.1499)

Have a look what the booklet for
YUV(67.0980, 11.2907, -28.1499)
contains.

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Color

**YUV(67.0980, 11.2907,
-28.1499)**

Conversions

Conversions Part 1

Format	Color
Hex	234F5A
RGB	35, 79, 90
RGB Percent	14%, 31%, 35%
CMY	0.8627, 0.6902, 0.6471
CMYK	0.61, 0.12, 0.00, 0.65
HSL	192°, 44%, 25%
HSV	192°, 61%, 35%
XYZ	5.3346, 6.6875, 10.6825
YIQ	67.0980, -29.7550, -5.9070

Conversions

Conversions Part 2

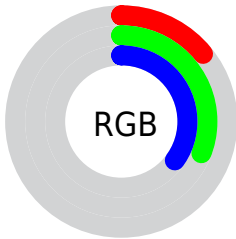
Format	Color
R_{YB}	35, 59, 90
Decimal	2314074
CIE _{Lab}	31.08, -11.51, -11.06
CIE _{LCh}	31, 15.968, 223.854
Yxy	6.6875, 0.2350, 0.2945
Android (android.graphics.Color)	4280504154 (0xFF234F5A)
YUV	67.0980, 11.2907, -28.1499
Hunter-Lab	25.8602, -8.4333, -6.3899

Details

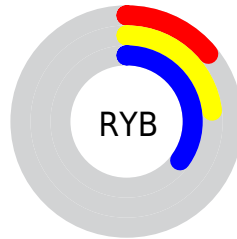
The YUV color **67.0980, 11.2907, -28.1499** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **57.9020, -11.2907, 28.1499**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5110, 11.5801, -27.6351**, and **24.9740, 9.3798, -21.9022** is the 20% darker color. If you saturate the color by 10%, you get **63.2330, 13.1961, -32.6533**, and if you desaturate by 10%, it is **70.9630, 9.3852, -23.6466**.

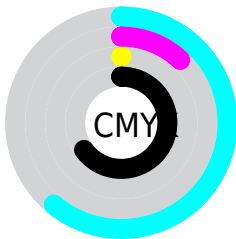
Distribution



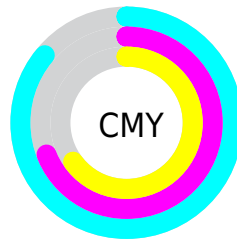
- Red (14%)
- Green (31%)
- Blue (35%)



- Red (14%)
- Yellow (23%)
- Blue (35%)



- Cyan (61%)
- Magenta (12%)
- Yellow (0%)
- Black (65%)



- Cyan (86%)
- Magenta (69%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.0980, 11.2907, -28.1499 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 67.0980, 11.2907, -28.1499 by changing the saturation by 10% instead.

67.0980, 11.2907,
-28.1499

67.0980, 11.2907,
-28.1499

255.0000, 0.0000,
0.0000

42.0050, 12.3225,
-32.4534

116.5110, 11.5801,
-27.6351

24.9740, 9.3798,
-21.9022

142.5110, 11.5801,
-27.6351

8.0190, 7.8786,
-7.0327

169.6250, 12.0169,
-27.7351

0.0000, 0.0000,
0.0000

197.2120, 11.7275,
-28.2499

225.0270, 12.3117,
-28.9647

244.8340, 5.0118,

-20.9024

253.2060, 0.8844,
-3.6887

67.0980, 11.2907,
-28.1499

67.0980, 11.2907,
-28.1499

63.2330, 13.1961,
-32.6533

70.9630, 9.3852,
-23.6466

59.3680, 15.1016,
-37.1567

74.8280, 7.4798,
-19.1432

56.0900, 16.7176,
-42.1749

78.1060, 5.8637,
-14.1250

52.5240, 18.4757,
-46.0635

81.9710, 3.9583,
-9.6216

85.8360, 2.0529,
-5.1182

■ 89.7010, 0.1474,
-0.6148

■ 93.5660, -1.7580,
3.8886

■ 96.8440, -3.3741,
8.9068

■ 100.7090, -5.2795,
13.4102

Harmonies

Analogous

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



66.7300, 6.0491, -26.9502



67.0980, 11.2907, -28.1499



69.7230, 13.4476, -19.9281

Triad

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



67.0980, 11.2907, -28.1499



75.3810, 2.2772, 16.3289



71.7480, -11.2148, 3.7290

Complementary

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



67.0980, 11.2907, -28.1499



57.9020, -11.2907, 28.1499

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.



72.9880, -11.8261, 13.1655



67.0980, 11.2907, -28.1499



74.6220, -3.2646, 20.5025

Square

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



67.0980, 11.2907, -28.1499



74.8080, 7.9827, 6.3074



73.8300, -8.7902, 19.4431



70.5940, -7.6878, -7.5369

Rectangle

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



67.0980, 11.2907, -28.1499



72.2510, 12.6943, -11.6211



73.8300, -8.7902, 19.4431



72.2430, -11.9518, 6.8029

Sweetspot

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



67.0980, 11.2907, -28.1499



108.3730, 4.2531, -10.8511



68.5390, -11.1117, -29.4137



53.3520, 2.7845, -6.4477



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



67.0980, 11.2907, -28.1499



81.6060, 17.4492, -43.5045



51.2490, 19.1042, -14.2504



43.9180, 1.0264, -2.5591



64.1960, 22.5814, -56.2999



138.5480, 48.5368, -121.5066

Inverse Universe

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



56.4610, 11.1117, 29.4137



65.1670, 17.1727, 45.4575



74.3380, -19.3936, 13.7356



42.9510, 1.0102, 2.6740



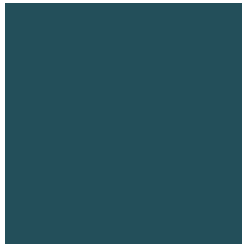
42.9220, 22.2235, 58.8274



92.5230, 48.0562, 126.7063

Previews

White Background



This preview shows how the YUV color 67.0980, 11.2907, -28.1499 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 67.0980, 11.2907, -28.1499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

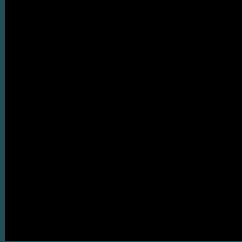
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.0980, 11.2907, -28.1499

Background



This preview shows how black text looks on a background with the YUV color 67.0980, 11.2907, -28.1499.



This preview shows how white text looks on a background with the YUV color 67.0980, 11.2907,

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

67.0980, 11.2907, -28.1499

Protanopia

72.8840, 5.9732, -2.5293

Deuteranopia

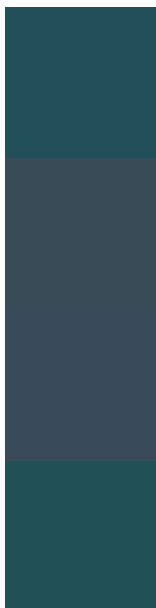
73.6820, 9.0308, -3.2291



Tritanopia

66.6310, 9.5489, -29.4944

Trichromacy



Original Color

67.0980, 11.2907, -28.1499

Protanomaly

70.9860, 7.8949, -12.2657

Deuteranomaly

71.4420, 9.6421, -12.6656

Tritanomaly

67.0440, 9.8383, -28.9796

Monochromacy



Original Color

67.0980, 11.2907, -28.1499

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.6720, 4.1057, -10.2363

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.0980, 11.2907, -28.1499 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(35, 79, 90)` looks like.

```
.text, #text, p{  
    color:rgb(35, 79, 90)  
}
```

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(35, 79, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 79, 90) }
```

Border

The CSS property to change the border of an element to YUV 67.0980, 11.2907, -28.1499 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(35, 79, 90) }
```


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

```
.border{ border-color:rgb(35, 79, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 79, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 79, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 79, 90);  
box-shadow:4px 4px 4px 4px rgb(35, 79, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.0980, 11.2907, -28.1499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 79, 90) }
```

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

```
.background{ background-color: rgb(35, 79,  
90) }
```

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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