

Converting Colors

YUV(83.0980, 11.2907,
-28.1499)

Have a look what the booklet for
YUV(83.0980, 11.2907, -28.1499)
contains.

YUV(83.0980, 11.2907, -28.1499)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(83.0980, 11.2907,
-28.1499)**

Conversions

Conversions Part 1

Format	Color
Hex	335F6A
RGB	51, 95, 106
RGB Percent	20%, 37%, 42%
CMY	0.8000, 0.6275, 0.5843
CMYK	0.52, 0.10, 0.00, 0.58
HSL	192°, 35%, 31%
HSV	192°, 52%, 42%
XYZ	8.0590, 9.9288, 15.1274
YIQ	83.0980, -29.7550, -5.9070

Conversions

Conversions Part 2

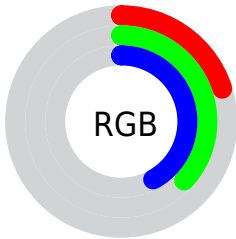
Format	Color
RYB	51, 75, 106
Decimal	3366762
CIELab	37.71, -11.87, -10.97
CIElCh	38, 16.164, 222.759
Yxy	9.9288, 0.2434, 0.2998
Android (android.graphics.Color)	4281556842 (0xFF335F6A)
YUV	83.0980, 11.2907, -28.1499
Hunter-Lab	31.5101, -9.4897, -6.4070




Details

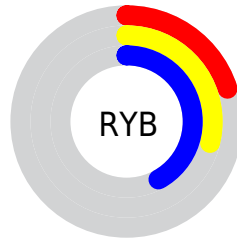
The YUV color **83.0980, 11.2907, -28.1499** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73.9020, -11.2907, 28.1499**, and the grayscale version is **83.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **134.0980, 11.2907, -28.1499**, and **35.4890, 11.5909, -31.1239** is the 20% darker color. If you saturate the color by 10%, you get **78.6350, 13.4909, -33.8829**, and if you desaturate by 10%, it is **87.5610, 9.0904, -22.4170**.

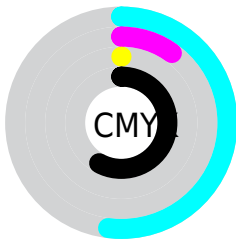
Distribution







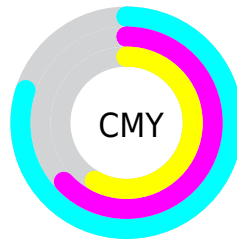
-  Red (20%)
-  Green (37%)
-  Blue (42%)






-  Red (20%)
-  Yellow (29%)
-  Blue (42%)



-  Cyan (52%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (80%)
-  Magenta (63%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.0980, 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 83.0980, 11.2907, -28.1499 by changing the saturation by 10% instead.

83.0980, 11.2907,
-28.1499

83.0980, 11.2907,
-28.1499

255.0000, 0.0000,
0.0000

58.5000, 11.5855,
-29.3795

134.0980, 11.2907,
-28.1499

35.4890, 11.5909,
-31.1239

160.2120, 11.7275,
-28.2499

20.6540, 8.0586,
-18.1136

187.3260, 12.1643,
-28.3499

2.4110, 6.6994,
-2.1144

215.6140, 12.0223,
-29.4795

0.0000, 0.0000,
0.0000

241.5450, 6.6333,
-27.6650

250.2160, 2.3585,

-9.8364

■ 83.0980, 11.2907,
-28.1499

■ 83.0980, 11.2907,
-28.1499

■ 78.6350, 13.4909,
-33.8829

■ 87.5610, 9.0904,
-22.4170

■ 74.4710, 15.5438,
-39.0011

■ 91.7250, 7.0376,
-17.2988

■ 70.0080, 17.7441,
-44.7340

■ 96.1880, 4.8373,
-11.5659

■ 65.8440, 19.7969,
-49.8522

■ 100.3520, 2.7845,
-6.4477

■ 61.9790, 21.7024,
-54.3556

■ 105.4020, 0.2948,
-1.2296

■ 109.8650, -1.9054,
4.5034

■ 114.0290, -3.9583,
9.6216

■ 118.4920, -6.1586,
15.3545

■ 122.6560, -8.2114,
20.4727

Harmonies

Analogous

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



82.6160, 5.6123, -26.8502



83.0980, 11.2907, -28.1499



85.7230, 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.



83.0980, 11.2907, -28.1499



90.9080, 3.0034, 16.7437



87.8190, -12.2358, 4.5437

Complementary

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



83.0980, 11.2907, -28.1499



73.9020, -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.



88.5860, -12.1209, 14.3951



83.0980, 11.2907, -28.1499



90.3340, -3.1227, 21.6321

Square

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



83.0980, 11.2907, -28.1499



90.9220, 8.4195, 6.2074



89.5420, -8.6482, 20.5727



85.7790, -8.2720, -6.8222

Rectangle

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



83.0980, 11.2907, -28.1499



88.0660, 13.2785, -12.3359



89.5420, -8.6482, 20.5727



87.8410, -12.2466, 8.0324

Sweetspot

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



83.0980, 11.2907, -28.1499



128.4870, 4.6899, -10.9511



84.5390, -11.1117, -29.4137



63.3520, 2.7845, -6.4477



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



83.0980, 11.2907, -28.1499



102.3070, 17.5966, -44.1192



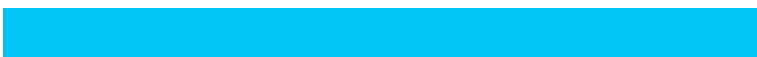
67.2490, 19.1042, -14.2504



51.0320, 1.4632, -2.6591



68.5160, 23.9026, -60.0885



142.9820, 50.2949, -125.3952

Inverse Universe

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



72.4610, 11.1117, 29.4137



85.5800, 17.4621, 45.9723



90.3380, -19.3936, 13.7356



50.2500, 0.8628, 3.2887



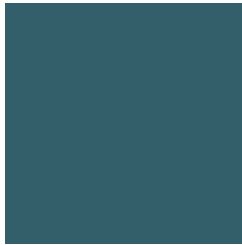
45.6990, 23.8124, 62.5310



95.5990, 49.4977, 131.0247

Previews

White Background



This preview shows how the YUV color 83.0980, 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 83.0980, 11.2907, -28.1499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

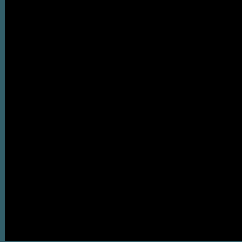
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.0980, 11.2907, -28.1499

Background



This preview shows how black text looks on a background with the YUV color 83.0980, 11.2907, -28.1499.



This preview shows how white text looks on a background with the YUV color 83.0980, 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

83.0980, 11.2907, -28.1499

Protanopia

88.8840, 5.9732, -2.5293

Deuteranopia

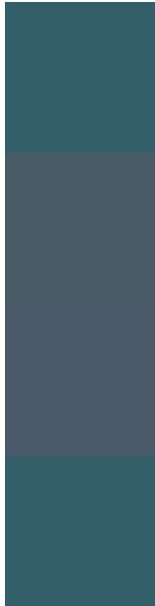
89.3940, 9.1728, -2.0995



Tritanopia

82.4570, 10.1277, -28.4648

Trichromacy



Original Color

83.0980, 11.2907, -28.1499

Protanomaly

86.9860, 7.8949, -12.2657

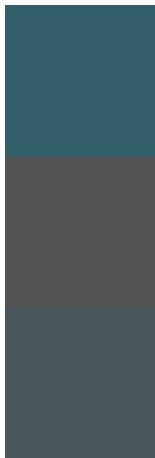
Deuteranomaly

87.1540, 9.7841, -11.5361

Tritanomaly

82.5710, 10.5645, -28.5648

Monochromacy



Original Color

83.0980, 11.2907, -28.1499

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.6720, 4.1057, -10.2363

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.0980, 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(51, 95, 106)` looks like.

```
.text, #text, p{  
    color:rgb(51, 95, 106)  
}
```

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(51, 95, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 95, 106) }
```

Border

The CSS property to change the border of an element to YUV 83.0980, 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(51, 95, 106) }
```


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

```
.border{ border-color:rgb(51, 95, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 95, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 95, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 95, 106);  
box-shadow:4px 4px 4px 4px rgb(51, 95,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 83.0980, 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(51, 95, 106) }
```

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

```
.background{ background-color: rgb(51, 95,  
106) }
```

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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