

Converting Colors

YUV(63.0980, 11.2907,
-28.1499)

Have a look what the booklet for
YUV(63.0980, 11.2907, -28.1499)
contains.

YUV(63.0980, 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(63.0980, 11.2907,
-28.1499)**

Conversions

Conversions Part 1

Format	Color
Hex	1F4B56
RGB	31, 75, 86
RGB Percent	12%, 29%, 34%
CMY	0.8784, 0.7059, 0.6627
CMYK	0.64, 0.13, 0.00, 0.66
HSL	192°, 47%, 23%
HSV	192°, 64%, 34%
XYZ	4.7609, 5.9953, 9.7104
YIQ	63.0980, -29.7550, -5.9070

Conversions

Conversions Part 2

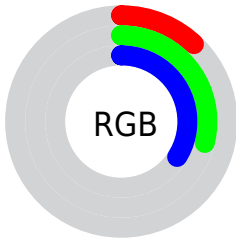
Format	Color
RYB	31, 55, 86
Decimal	2050902
CIELab	29.40, -11.38, -11.08
CIELCh	29, 15.883, 224.228
Yxy	5.9953, 0.2326, 0.2929
Android (android.graphics.Color)	4280240982 (0xFF1F4B56)
YUV	63.0980, 11.2907, -28.1499
Hunter-Lab	24.4854, -8.1425, -6.3734

Details

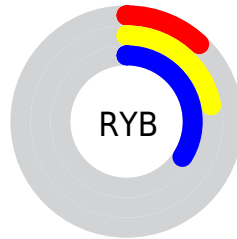
The YUV color **63.0980, 11.2907, -28.1499** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **53.9020, -11.2907, 28.1499**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8100, 11.4327, -27.0204**, and **22.8710, 8.9376, -20.0579** is the 20% darker color. If you saturate the color by 10%, you get **59.2330, 13.1961, -32.6533**, and if you desaturate by 10%, it is **66.9630, 9.3852, -23.6466**.

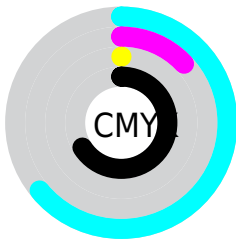
Distribution



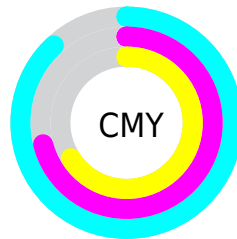
- Red (12%)
- Green (29%)
- Blue (34%)



- Red (12%)
- Yellow (22%)
- Blue (34%)



- Cyan (64%)
- Magenta (13%)
- Yellow (0%)
- Black (66%)



- Cyan (88%)
- Magenta (71%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.0980, 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 63.0980, 11.2907, -28.1499 by changing the saturation by 10% instead.

■ 63.0980, 11.2907,
-28.1499

■ 63.0980, 11.2907,
-28.1499

■ 255.0000, 0.0000,
0.0000

■ 38.0050, 12.3225,
-32.4534

■ 112.8100, 11.4327,
-27.0204

■ 22.8710, 8.9376,
-20.0579

■ 138.5110, 11.5801,
-27.6351

■ 2.9810, 8.8834,
-2.6143

■ 164.6250, 12.0169,
-27.7351

■ 0.0000, 0.0000,
0.0000

■ 192.3260, 12.1643,
-28.3499

■ 220.3260, 12.1643,
-28.3499

■ 243.3390, 5.7489,

-23.9763

252.0100, 1.4741,
-6.1478

63.0980, 11.2907,
-28.1499

63.0980, 11.2907,
-28.1499

59.2330, 13.1961,
-32.6533

66.9630, 9.3852,
-23.6466

56.2540, 14.6648,
-37.0568

69.9420, 7.9166,
-19.2431

52.3890, 16.5702,
-41.5602

73.8070, 6.0111,
-14.7397

50.3070, 17.5966,
-44.1192

77.3730, 4.2531,
-10.8511

81.2380, 2.3477,
-6.3477

■ 84.5160, 0.7316,
-1.3295

■ 88.0820, -1.0264,
2.5591

■ 91.9470, -2.9319,
7.0625

■ 94.9260, -4.4005,
11.4659

Harmonies

Analogous

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



62.7300, 6.0491, -26.9502



63.0980, 11.2907, -28.1499



66.0220, 13.3002, -19.3133

Triad

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



63.0980, 11.2907, -28.1499



71.0820, 2.4246, 15.7141



67.7480, -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.



63.0980, 11.2907, -28.1499



53.9020, -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.



69.1020, -11.3893, 13.0655



63.0980, 11.2907, -28.1499



70.6220, -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.



63.0980, 11.2907, -28.1499



70.8080, 7.9827, 6.3074



69.9440, -8.3534, 19.3431



66.5940, -7.6878, -7.5369

Rectangle

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



63.0980, 11.2907, -28.1499



68.5500, 12.5469, -11.0063



69.9440, -8.3534, 19.3431



68.3570, -11.5150, 6.7029

Sweetspot

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



63.0980, 11.2907, -28.1499



103.3730, 4.2531, -10.8511



64.5390, -11.1117, -29.4137



50.9390, 2.4951, -6.9625



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



63.0980, 11.2907, -28.1499



76.3070, 17.5966, -44.1192



46.6620, 19.3936, -13.7356



41.2170, 0.8790, -1.9443



62.6800, 21.8498, -54.9704



137.1460, 48.2420, -120.2770

Inverse Universe

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



52.4610, 11.1117, 29.4137



59.5800, 17.4621, 45.9723



70.3380, -19.3936, 13.7356



40.5380, 0.7208, 2.1592



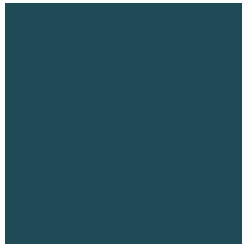
41.7970, 21.7921, 57.1830



91.6970, 47.4774, 125.6767

Previews

White Background



This preview shows how the YUV color 63.0980, 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 63.0980, 11.2907, -28.1499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

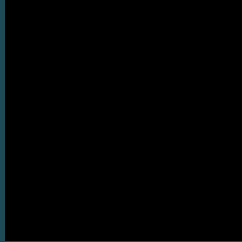
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.0980, 11.2907, -28.1499

Background



This preview shows how black text looks on a background with the YUV color 63.0980, 11.2907, -28.1499.



This preview shows how white text looks on a background with the YUV color 63.0980, 11.2907, -28.1499.

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

63.0980, 11.2907, -28.1499

Protanopia

68.9980, 6.4100, -2.6292

Deuteranopia

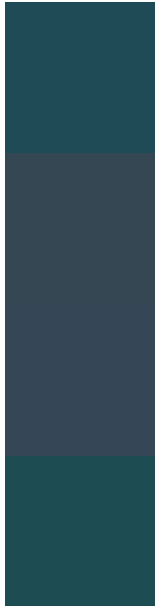
69.6820, 9.0308, -3.2291



Tritanopia

62.6310, 9.5489, -29.4944

Trichromacy



Original Color

63.0980, 11.2907, -28.1499

Protanomaly

66.9860, 7.8949, -12.2657

Deuteranomaly

67.4420, 9.6421, -12.6656

Tritanomaly

63.0440, 9.8383, -28.9796

Monochromacy



Original Color

63.0980, 11.2907, -28.1499

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.6720, 4.1057, -10.2363

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.0980, 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(31, 75, 86)` looks like.

```
.text, #text, p{  
    color:rgb(31, 75, 86)  
}
```

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(31, 75, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 75, 86) }
```

Border

The CSS property to change the border of an element to YUV 63.0980, 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(31, 75, 86) }
```


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

```
.border{ border-color:rgb(31, 75, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 75, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 75, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 75, 86);  
box-shadow:4px 4px 4px 4px rgb(31, 75, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.0980, 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(31, 75, 86) }
```

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

```
.background{ background-color: rgb(31, 75,  
86) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor