

Converting Colors

YUV(84.8070, 2.5601, -27.8947)

Have a look what the booklet for
YUV(84.8070, 2.5601, -27.8947)
contains.

YUV(84.8070, 2.5601, -27.8947)	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(84.8070, 2.5601,
-27.8947)**

Conversions

Conversions Part 1

Format	Color
Hex	35645A
RGB	53, 100, 90
RGB Percent	21%, 39%, 35%
CMY	0.7922, 0.6078, 0.6471
CMYK	0.47, 0.00, 0.10, 0.61
HSL	167°, 31%, 30%
HSV	167°, 47%, 39%
XYZ	7.8708, 10.6094, 11.3058
YIQ	84.8070, -24.8020, -13.0740

Conversions

Conversions Part 2

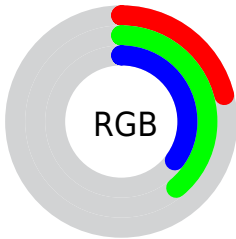
Format	Color
RYB	53, 79, 100
Decimal	3499098
CIELab	38.91, -18.76, 0.68
CIELCh	39, 18.776, 177.934
Yxy	10.6094, 0.2642, 0.3562
Android (android.graphics.Color)	4281689178 (0xFF35645A)
YUV	84.8070, 2.5601, -27.8947
Hunter-Lab	32.5721, -13.8678, 2.2208

Details

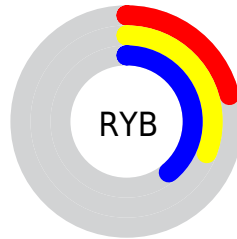
The YUV color **84.8070, 2.5601, -27.8947** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68.1930, -2.5601, 27.8947**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3940, 2.2708, -28.4095**, and **36.2410, 4.3182, -31.7834** is the 20% darker color. If you saturate the color by 10%, you get **81.5890, 3.1606, -33.8426**, and if you desaturate by 10%, it is **88.0250, 1.9597, -21.9469**.

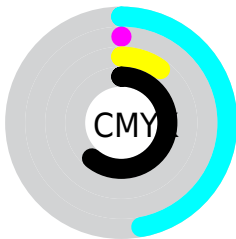
Distribution



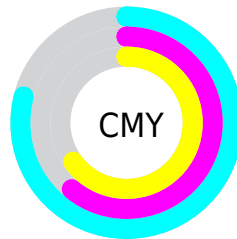
- Red (21%)
- Green (39%)
- Blue (35%)



- Red (21%)
- Yellow (31%)
- Blue (39%)



- Cyan (47%)
- Magenta (0%)
- Yellow (10%)
- Black (61%)



- Cyan (79%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8070, 2.5601, -27.8947 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 84.8070, 2.5601, -27.8947 by changing the saturation by 10% instead.

■ 84.8070, 2.5601,
-27.8947

■ 84.8070, 2.5601,
-27.8947

■ 255.0000, 0.0000,
0.0000

■ 60.6220, 3.1444,
-28.6095

■ 135.3940, 2.2708,
-28.4095

■ 36.2410, 4.3182,
-31.7834

■ 161.9810, 1.9814,
-28.9243

■ 21.5200, 1.2226,
-18.8730

■ 188.6820, 2.1288,
-29.5391

■ 0.0000, 0.0000,
0.0000

■ 217.2690, 1.8394,
-30.0539

■ 241.2740, 4.3019,
-26.5503

■ 250.2160, 2.3585,

-9.8364

■ 84.8070, 2.5601,
-27.8947

■ 84.8070, 2.5601,
-27.8947

■ 81.5890, 3.1606,
-33.8426

■ 88.0250, 1.9597,
-21.9469

■ 78.3710, 3.7611,
-39.7904

■ 91.2430, 1.3592,
-15.9991

■ 75.1530, 4.3616,
-45.7382

■ 94.4610, 0.7587,
-10.0513

■ 71.8210, 4.5252,
-51.5860

■ 97.7930, 0.5951,
-4.2035

■ 68.6030, 5.1257,
-57.5338

■ 101.0110, -0.0054,
1.7444

■ 67.7060, 5.5679,
-59.3782

■ 104.2290, -0.6059,
7.6922

■ 107.4470, -1.2064,
13.6400

■ 110.6650, -1.8068,
19.5878

■ 113.8830, -2.4073,
25.5356

Harmonies

Analogous

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



87.0060, -5.9190, -14.9143



84.8070, 2.5601, -27.8947



83.5270, 10.5862, -35.5422

Triad

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



84.8070, 2.5601, -27.8947



92.6160, 12.5143, -0.5402



92.1030, -12.8688, 20.9577

Complementary

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



84.8070, 2.5601, -27.8947



68.1930, -2.5601, 27.8947

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.



92.9170, -7.3541, 25.5058



84.8070, 2.5601, -27.8947



93.9230, 6.9400, 14.0995

Square

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



84.8070, 2.5601, -27.8947



89.4290, 16.0575, -17.0392



93.4420, -0.2179, 23.2914



90.5810, -14.5834, 10.8915

Rectangle

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



84.8070, 2.5601, -27.8947



84.2760, 14.6539, -33.5681



93.4420, -0.2179, 23.2914



92.8690, -11.2744, 22.9169

Sweetspot

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



84.8070, 2.5601, -27.8947



124.1620, 0.9061, -10.6661



83.5790, -15.0754, -18.0478



62.4830, 0.7479, -6.5626



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



84.8070, 2.5601, -27.8947



106.4630, 4.2087, -43.3791



78.3160, 10.6902, -22.2021



49.3910, 0.3002, -2.9739



77.7650, 6.0319, -68.1999



163.8280, 13.3958, -143.6772

Inverse Universe

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



68.1930, -2.5601, 27.8947



80.6510, -3.7719, 43.2791



74.6840, -10.6902, 22.2021



47.6090, -0.3002, 2.9739



37.1210, -6.4687, 68.2999



78.2860, -12.9590, 143.5772

Previews

White Background



This preview shows how the YUV color 84.8070, 2.5601, -27.8947 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 × Fail

Black Background



This preview shows how the YUV color 84.8070, 2.5601, -27.8947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

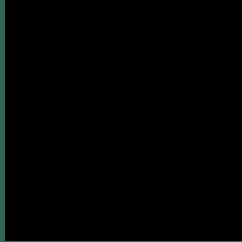
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.8070, 2.5601, -27.8947

Background



This preview shows how black text looks on a background with the YUV color 84.8070, 2.5601, -27.8947.



This preview shows how white text looks on a background with the YUV color 84.8070, 2.5601, -27.8947.

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

84.8070, 2.5601, -27.8947

Protanopia

91.2130, -3.0630, 2.4442

Deuteranopia

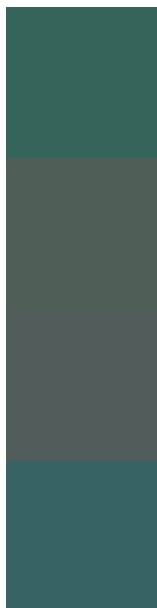
91.7450, 0.1257, 6.3626



Tritanopia

86.9520, 9.3907, -25.3909

Trichromacy



Original Color

84.8070, 2.5601, -27.8947

Protanomaly

88.7170, -0.8465, -8.5218

Deuteranomaly

88.8960, 1.0373, -6.0478

Tritanomaly

86.2570, 6.7753, -26.5354

Monochromacy



Original Color

84.8070, 2.5601, -27.8947

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.5750, 1.1955, -10.1513

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8070, 2.5601, -27.8947 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(53, 100, 90)` looks like.

```
.text, #text, p{  
    color:rgb(53, 100, 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(53, 100, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 100, 90) }
```

Border

The CSS property to change the border of an element to YUV 84.8070, 2.5601, -27.8947 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(53, 100, 90) }
```


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

```
.border{ border-color:rgb(53, 100, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 100, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 100, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 100, 90);  
box-shadow:4px 4px 4px 4px rgb(53, 100,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 84.8070, 2.5601, -27.8947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 100, 90) }
```

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

```
.background{ background-color: rgb(53, 100,  
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](#).

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