

Converting Colors

YUV(65.8070, 2.5601, -27.8947)

Have a look what the booklet for
YUV(65.8070, 2.5601, -27.8947)
contains.

YUV(65.8070, 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(65.8070, 2.5601,
-27.8947)**

Conversions

Conversions Part 1

Format	Color
Hex	225147
RGB	34, 81, 71
RGB Percent	13%, 32%, 28%
CMY	0.8667, 0.6824, 0.7216
CMYK	0.58, 0.00, 0.12, 0.68
HSL	167°, 41%, 23%
HSV	167°, 58%, 32%
XYZ	4.7394, 6.6799, 7.0008
YIQ	65.8070, -24.8020, -13.0740

Conversions

Conversions Part 2

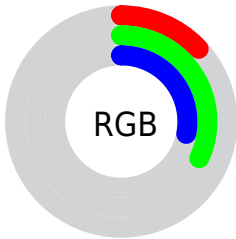
Format	Color
R_{YB}	34, 60, 81
Decimal	2249031
CIE _{Lab}	31.07, -18.84, 1.03
CIE _{LCh}	31, 18.867, 176.882
Yxy	6.6799, 0.2573, 0.3626
Android (android.graphics.Color)	4280439111 (0xFF225147)
YUV	65.8070, 2.5601, -27.8947
Hunter-Lab	25.8454, -12.4968, 2.0319

Details

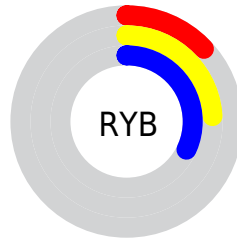
The YUV color **65.8070, 2.5601, -27.8947** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **49.1930, -2.5601, 27.8947**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.2800, 1.8340, -28.3096**, and **24.3240, 1.8123, -21.3321** is the 20% darker color. If you saturate the color by 10%, you get **63.1870, 2.8658, -32.6130**, and if you desaturate by 10%, it is **68.4270, 2.2545, -23.1765**.

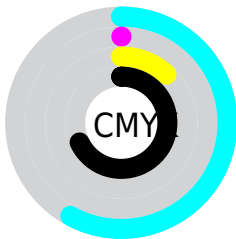
Distribution



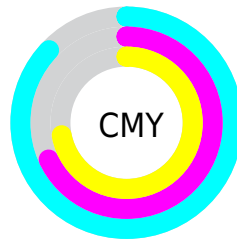
- Red (13%)
- Green (32%)
- Blue (28%)



- Red (13%)
- Yellow (24%)
- Blue (32%)



- Cyan (58%)
- Magenta (0%)
- Yellow (12%)
- Black (68%)



- Cyan (87%)
- Magenta (68%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.8070, 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 65.8070, 2.5601, -27.8947 by changing the saturation by 10% instead.

65.8070, 2.5601,
-27.8947

65.8070, 2.5601,
-27.8947

255.0000, 0.0000,
0.0000

41.4260, 3.7340,
-31.0686

115.2800, 1.8340,
-28.3096

24.3240, 1.8123,
-21.3321

141.2800, 1.8340,
-28.3096

4.2230, -1.5889,
-3.7036

167.8670, 1.5446,
-28.8244

0.0000, 0.0000,
0.0000

195.2690, 1.8394,
-30.0539

223.2690, 1.8394,
-30.0539

243.6380, 5.6015,

-23.3615

252.3090, 1.3267,
-5.5330

65.8070, 2.5601,
-27.8947

65.8070, 2.5601,
-27.8947

63.1870, 2.8658,
-32.6130

68.4270, 2.2545,
-23.1765

60.6810, 3.6083,
-37.4312

70.9330, 1.5120,
-18.3582

58.0610, 3.9139,
-42.1495

73.5530, 1.2064,
-13.6400

55.4410, 4.2196,
-46.8678

76.1730, 0.9007,
-8.9217

54.8430, 4.5144,
-48.0973

78.7930, 0.5951,
-4.2035

■ 81.5980, -0.2948,
1.2296

■ 84.2180, -0.6005,
5.9478

■ 86.8380, -0.9061,
10.6661

■ 89.4580, -1.2118,
15.3843

Harmonies

Analogous

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



68.4190, -5.6296, -14.3995



65.8070, 2.5601, -27.8947



63.3310, 11.1758, -38.0013

Triad

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



65.8070, 2.5601, -27.8947



74.2030, 12.2249, -1.0550



73.6190, -12.1372, 19.6281

Complementary

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



65.8070, 2.5601, -27.8947



49.1930, -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.



74.4330, -6.6225, 24.1763



65.8070, 2.5601, -27.8947



75.2110, 6.7980, 12.9700

Square

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



65.8070, 2.5601, -27.8947



70.6030, 15.4787, -18.0688



74.8440, 0.0769, 22.0618



72.6950, -14.1466, 10.7915

Rectangle

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



65.8070, 2.5601, -27.8947



64.2540, 14.6648, -37.0568



74.8440, 0.0769, 22.0618



73.6840, -10.6902, 22.2021

Sweetspot

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



65.8070, 2.5601, -27.8947



99.1620, 0.9061, -10.6661



64.5790, -15.0754, -18.0478



50.3690, 0.3111, -6.4626



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



65.8070, 2.5601, -27.8947



81.0500, 3.9194, -43.8939



59.3160, 10.6902, -22.2021



39.6900, 0.1528, -2.3591



70.9830, 5.4314, -62.2521



157.0460, 12.7953, -137.7293

Inverse Universe

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



49.1930, -2.5601, 27.8947



54.9500, -3.9194, 43.8939



55.6840, -10.6902, 22.2021



38.3100, -0.1528, 2.3591



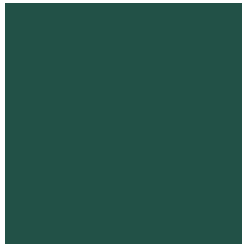
33.9030, -5.8682, 62.3521



74.9540, -12.7953, 137.7293

Previews

White Background



This preview shows how the YUV color 65.8070, 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 ✓ Pass

Black Background



This preview shows how the YUV color 65.8070, 2.5601, -27.8947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

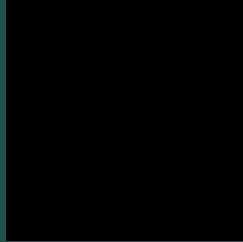
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.8070, 2.5601, -27.8947

Background



This preview shows how black text looks on a background with the YUV color 65.8070, 2.5601, -27.8947.



This preview shows how white text looks on a background with the YUV color 65.8070, 2.5601, -27.8947.

-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

65.8070, 2.5601, -27.8947

Protanopia

73.0990, -3.4998, 2.5442

Deuteranopia

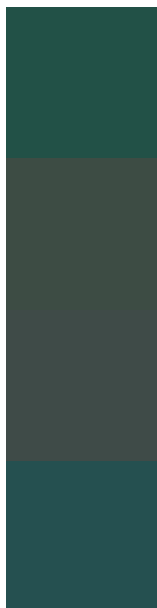
73.9190, -0.4531, 5.3330



Tritanopia

67.7240, 8.5171, -25.1909

Trichromacy



Original Color

65.8070, 2.5601, -27.8947

Protanomaly

70.6030, -1.2833, -8.4218

Deuteranomaly

71.0700, 0.4585, -7.0774

Tritanomaly

67.1430, 6.3385, -26.4354

Monochromacy



Original Color

65.8070, 2.5601, -27.8947

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.5750, 1.1955, -10.1513

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.8070, 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(34, 81, 71)` looks like.

```
.text, #text, p{  
    color:rgb(34, 81, 71)  
}
```

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(34, 81, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 81, 71) }
```

Border

The CSS property to change the border of an element to YUV 65.8070, 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(34, 81, 71) }
```


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

```
.border{ border-color:rgb(34, 81, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 81, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 81, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 81, 71);  
box-shadow:4px 4px 4px 4px rgb(34, 81, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.8070, 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(34, 81, 71) }
```

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

```
.background{ background-color: rgb(34, 81,  
71) }
```

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