

Converting Colors

YUV(74.1060, 2.4127, -27.2800)

Have a look what the booklet for
YUV(74.1060, 2.4127, -27.2800)
contains.

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Color

**YUV(74.1060, 2.4127,
-27.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	2B594F
RGB	43, 89, 79
RGB Percent	17%, 35%, 31%
CMY	0.8314, 0.6510, 0.6902
CMYK	0.52, 0.00, 0.11, 0.65
HSL	167°, 35%, 26%
HSV	167°, 52%, 35%
XYZ	5.9799, 8.2229, 8.6691
YIQ	74.1060, -24.2060, -12.8620

Conversions

Conversions Part 2

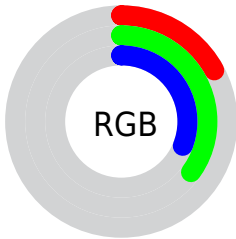
Format	Color
RYB	43, 69, 89
Decimal	2840911
CIELab	34.44, -18.56, 0.93
CIELCh	34, 18.585, 177.132
Yxy	8.2229, 0.2615, 0.3595
Android (android.graphics.Color)	4281030991 (0xFF2B594F)
YUV	74.1060, 2.4127, -27.2800
Hunter-Lab	28.6755, -12.9582, 2.1484

Details

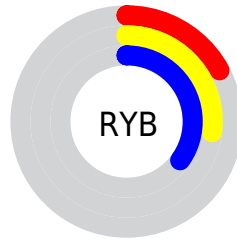
The YUV color **74.1060, 2.4127, -27.2800** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **57.8940, -2.4127, 27.2800**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.6930, 2.1234, -27.7948**, and **29.2310, 2.8441, -25.6356** is the 20% darker color. If you saturate the color by 10%, you get **71.1870, 2.8658, -32.6130**, and if you desaturate by 10%, it is **77.0250, 1.9597, -21.9469**.

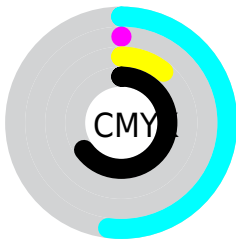
Distribution



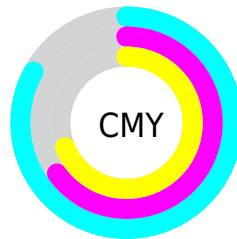
- Red (17%)
- Green (35%)
- Blue (31%)



- Red (17%)
- Yellow (27%)
- Blue (35%)



- Cyan (52%)
- Magenta (0%)
- Yellow (11%)
- Black (65%)



- Cyan (83%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.1060, 2.4127, -27.2800 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 74.1060, 2.4127, -27.2800 by changing the saturation by 10% instead.

74.1060, 2.4127,
-27.2800

74.1060, 2.4127,
-27.2800

255.0000, 0.0000,
0.0000

49.9210, 2.9969,
-27.9947

123.6930, 2.1234,
-27.7948

29.2310, 2.8441,
-25.6356

150.2800, 1.8340,
-28.3096

15.5700, -1.2670,
-13.6549

176.9810, 1.9814,
-28.9243

0.0000, 0.0000,
0.0000

204.5680, 1.6920,
-29.4391

233.2690, 1.8394,
-30.0539

246.6280, 4.1274,

-17.2138

■ 74.1060, 2.4127,
-27.2800

■ 74.1060, 2.4127,
-27.2800

■ 71.1870, 2.8658,
-32.6130

■ 77.0250, 1.9597,
-21.9469

■ 68.2680, 3.3189,
-37.9460

■ 79.9440, 1.5066,
-16.6139

■ 65.3490, 3.7719,
-43.2791

■ 82.8630, 1.0535,
-11.2809

■ 62.4300, 4.2250,
-48.6121

■ 85.7820, 0.6005,
-5.9478

■ 60.2230, 4.8201,
-52.8156

■ 88.7010, 0.1474,
-0.6148

■ 91.3210, -0.1583,
4.1035

■ 94.2400, -0.6113,
9.4365

■ 97.0450, -1.5012,
14.8695

■ 99.9640, -1.9543,
20.2026

Harmonies

Analogous

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



76.4190, -5.6296, -14.3995



74.1060, 2.4127, -27.2800



72.5270, 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.



74.1060, 2.4127, -27.2800



82.2030, 12.2249, -1.0550



81.6190, -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.



74.1060, 2.4127, -27.2800



57.8940, -2.4127, 27.2800

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.



82.3190, -7.0593, 24.2762



74.1060, 2.4127, -27.2800



83.2110, 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.



74.1060, 2.4127, -27.2800



78.9020, 15.3313, -17.4541



82.8440, 0.0769, 22.0618



80.5810, -14.5834, 10.8915

Rectangle

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



74.1060, 2.4127, -27.2800



73.4500, 14.0751, -34.5977



82.8440, 0.0769, 22.0618



81.6840, -10.6902, 22.2021

Sweetspot

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



74.1060, 2.4127, -27.2800



108.8630, 1.0535, -11.2809



73.2910, -14.9335, -16.9182



55.3690, 0.3111, -6.4626



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.



74.1060, 2.4127, -27.2800



91.9470, 3.4771, -42.0495



68.2020, 10.2534, -22.1022



41.6900, 0.1528, -2.3591



72.3850, 5.7262, -63.4816



158.9210, 12.3639, -139.3737

Inverse Universe

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



57.8940, -2.4127, 27.2800



66.9390, -3.9139, 42.1495



63.7980, -10.2534, 22.1022



40.3100, -0.1528, 2.3591



34.6150, -5.7262, 63.4816



76.0790, -12.3639, 139.3737

Previews

White Background



This preview shows how the YUV color 74.1060, 2.4127, -27.2800 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 74.1060, 2.4127, -27.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

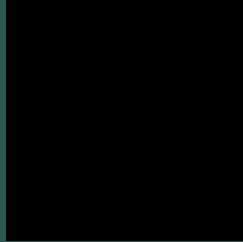
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.1060, 2.4127, -27.2800

Background



This preview shows how black text looks on a background with the YUV color 74.1060, 2.4127, -27.2800.



This preview shows how white text looks on a background with the YUV color 74.1060, 2.4127, -27.2800.

-27.2800.

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

74.1060, 2.4127, -27.2800

Protanopia

80.5120, -3.2104, 3.0590

Deuteranopia

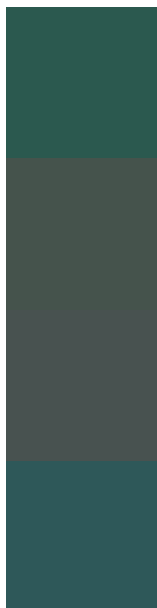
81.3320, -0.1637, 5.8478



Tritanopia

76.1370, 8.8065, -24.6761

Trichromacy



Original Color

74.1060, 2.4127, -27.2800

Protanomaly

78.0160, -0.9939, -7.9070

Deuteranomaly

78.7820, 0.6005, -5.9478

Tritanomaly

75.5560, 6.6279, -25.9206

Monochromacy



Original Color

74.1060, 2.4127, -27.2800

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8740, 1.0481, -9.5365

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.1060, 2.4127, -27.2800 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(43, 89, 79)` looks like.

```
.text, #text, p{  
    color:rgb(43, 89, 79)  
}
```

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(43, 89, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 89, 79) }
```

Border

The CSS property to change the border of an element to YUV 74.1060, 2.4127, -27.2800 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(43, 89, 79) }
```


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

```
.border{ border-color:rgb(43, 89, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 89, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 89, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 89, 79);  
box-shadow:4px 4px 4px 4px rgb(43, 89, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.1060, 2.4127, -27.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 89, 79) }
```

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

```
.background{ background-color: rgb(43, 89,  
79) }
```

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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