

Converting Colors

YUV(82.3070, 11.1876, 4.9928)

Have a look what the booklet for
YUV(82.3070, 11.1876, 4.9928)
contains.

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Color

**YUV(82.3070, 11.1876,
4.9928)**

Conversions

Conversions Part 1

Format	Color
Hex	584B69
RGB	88, 75, 105
RGB Percent	35%, 29%, 41%
CMY	0.6549, 0.7059, 0.5882
CMYK	0.16, 0.29, 0.00, 0.59
HSL	266°, 17%, 35%
HSV	266°, 29%, 41%
XYZ	9.0904, 8.1268, 14.4541
YIQ	82.3070, -1.8820, 12.0860

Conversions

Conversions Part 2

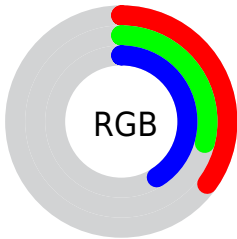
Format	Color
R_{YB}	88, 75, 105
Decimal	5786473
CIE _{Lab}	34.25, 12.08, -15.39
CIE _{LCh}	34, 19.569, 308.124
Yxy	8.1268, 0.2870, 0.2566
Android (android.graphics.Color)	4283976553 (0xFF584B69)
YUV	82.3070, 11.1876, 4.9928
Hunter-Lab	28.5075, 7.0313, -10.1064

Details

The YUV color **82.3070, 11.1876, 4.9928** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97.6930, -11.1876, -4.9928**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.8340, 11.9138, 5.4076**, and **37.3670, 10.1721, 4.0631** is the 20% darker color. If you saturate the color by 10%, you get **74.6430, 14.9660, 6.4521**, and if you desaturate by 10%, it is **90.5580, 7.1199, 3.0186**.

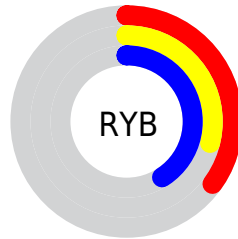
Distribution



 Red (35%)

 Green (29%)

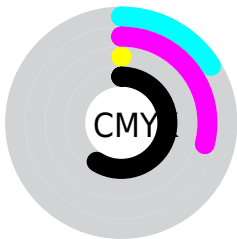
 Blue (41%)




 Red (35%)

 Yellow (29%)

 Blue (41%)

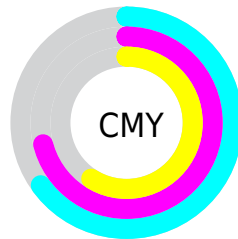


 Cyan (16%)

 Magenta (29%)

 Yellow (0%)

 Black (59%)



 Cyan (65%)

 Magenta (71%)

 Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.3070, 11.1876, 4.9928 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 82.3070, 11.1876, 4.9928 by changing the saturation by 10% instead.

■ 82.3070, 11.1876,
4.9928

■ 82.3070, 11.1876,
4.9928

■ 255.0000, 0.0000,
0.0000

■ 58.8940, 10.8983,
4.4780

■ 131.8340, 11.9138,
5.4076

■ 37.3670, 10.1721,
4.0631

■ 158.2470, 12.2032,
5.9224

■ 15.3780, 10.1666,
5.8075

■ 184.7740, 12.9294,
6.3372

■ 2.0690, 5.3890,
-1.8145

■ 212.7740, 12.9294,
6.3372

■ 0.0000, 0.0000,
0.0000

■ 239.4060, 7.6878,
7.5369

■ 82.3070, 11.1876,
4.9928

■ 82.3070, 11.1876,
4.9928

■ 74.6430, 14.9660,
6.4521

■ 90.5580, 7.1199,
3.0186

■ 66.3920, 19.0337,
8.4262

■ 98.2220, 3.3416,
1.5593

■ 58.1410, 23.1015,
10.4003

■ 105.8860, -0.4368,
0.1000

■ 50.4770, 26.8798,
11.8597

■ 114.1370, -4.5045,
-1.8741

■ 42.8130, 30.6582,
13.3190

■ 122.3880, -8.5723,
-3.8483

■ 34.5620, 34.7259,
15.2931

■ 130.0520,
-12.3506, -5.3076

■ 26.8980, 38.5043,
16.7525

■ 138.3030,
-16.4184, -7.2817

■ 25.7240, 39.0831,

■ 145.9670,

17.7821

-20.1967, -8.7411

■ 154.2180,
-24.2645, -10.7152

Harmonies

Analogous

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



79.9350, 15.3150, -12.2210



82.3070, 11.1876, 4.9928



82.6740, 4.5977, 18.7029

Triad

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



82.3070, 11.1876, 4.9928



80.7390, -14.1683, 17.7689



71.6860, 6.0708, -33.9276

Complementary

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



82.3070, 11.1876, 4.9928



97.6930, -11.1876, -4.9928

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.



74.6570, -3.2819, -20.7472



82.3070, 11.1876, 4.9928



79.2600, -14.4252, 6.7880

Square

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



82.3070, 11.1876, 4.9928



81.6350, -9.6801, 24.8761



77.2090, -10.4560, -6.3223



70.7160, 13.9440, -39.2159

Rectangle

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



82.3070, 11.1876, 4.9928



82.4420, -0.2179, 23.2914



77.2090, -10.4560, -6.3223



72.9100, 3.0024, -29.7391

Sweetspot

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



82.3070, 11.1876, 4.9928



128.2760, 4.7939, 2.3889



88.3990, 8.1843, -11.7509



63.1080, 2.9048, 1.6593



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.



82.3070, 11.1876, 4.9928



102.3380, 17.5814, 7.5966



86.7920, 8.9765, 14.2144



49.5810, 2.1786, 1.2445



28.5870, 43.5876, 19.6562



59.6240, 91.3904, 40.6718

Inverse Universe

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



85.9080, 3.0034, 16.7437



108.0170, 4.4286, 26.2951



93.2080, -8.9765, -14.2144



50.1360, 0.4260, 3.3887



42.5070, 11.5820, 65.3304



89.1010, 24.6002, 136.7234

Previews

White Background



This preview shows how the YUV color 82.3070, 11.1876, 4.9928 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 82.3070, 11.1876, 4.9928 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 82.3070, 11.1876, 4.9928

Background



This preview shows how black text looks on a background with the YUV color 82.3070, 11.1876, 4.9928.



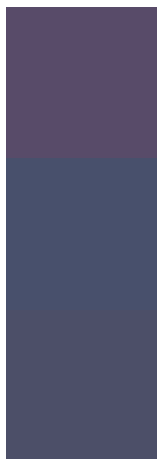
This preview shows how white text looks on a background with the YUV color 82.3070, 11.1876,

4.9928.

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

82.3070, 11.1876, 4.9928

Protanopia

80.8000, 13.4096, -7.7176

Deuteranopia

80.9530, 11.3622, -4.3438



Tritanopia

81.4780, 1.7363, 3.0888

Trichromacy



Original Color

82.3070, 11.1876, 4.9928

Protanomaly

81.3060, 12.6671, -2.8994

Deuteranomaly

81.5620, 11.0619, -1.3699

Tritanomaly

81.9880, 4.9359, 3.5185

Monochromacy



Original Color

82.3070, 11.1876, 4.9928

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.7490, 4.0677, 1.9741

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.3070, 11.1876, 4.9928 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(88, 75, 105)` looks like.

```
.text, #text, p{  
    color:rgb(88, 75, 105)  
}
```

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(88, 75, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 75, 105) }
```

Border

The CSS property to change the border of an element to YUV 82.3070, 11.1876, 4.9928 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(88, 75, 105) }
```


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

```
.border{ border-color:rgb(88, 75, 105) }
```

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

Here you see how a box with a 4 pixel rgb(88, 75, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 75, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 75, 105);  
box-shadow:4px 4px 4px 4px rgb(88, 75,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 82.3070, 11.1876, 4.9928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 75, 105) }
```

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

```
.background{ background-color: rgb(88, 75,  
105) }
```

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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