

Converting Colors

YUV(81.0840, 29.5386, -0.9507)

Have a look what the booklet for
YUV(81.0840, 29.5386, -0.9507)
contains.

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Color

**YUV(81.0840, 29.5386,
-0.9507)**

Conversions

Conversions Part 1

Format	Color
Hex	50468D
RGB	80, 70, 141
RGB Percent	31%, 27%, 55%
CMY	0.6863, 0.7255, 0.4471
CMYK	0.43, 0.50, 0.00, 0.45
HSL	248°, 34%, 41%
HSV	248°, 50%, 55%
XYZ	10.3061, 8.0089, 26.2020
YIQ	81.0840, -16.8310, 24.2010

Conversions

Conversions Part 2

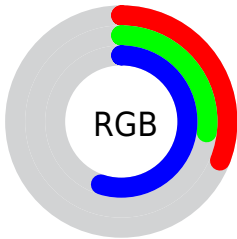
Format	Color
R_{YB}	80, 70, 141
Decimal	5260941
CIE _{Lab}	34.00, 22.90, -38.19
CIE _{LCh}	34, 44.533, 300.952
Yxy	8.0089, 0.2315, 0.1799
Android (android.graphics.Color)	4283451021 (0xFF50468D)
YUV	81.0840, 29.5386, -0.9507
Hunter-Lab	28.3000, 15.4803, -35.0846

Details

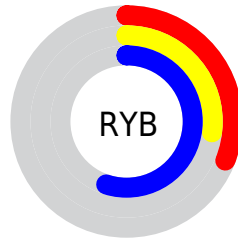
The YUV color **81.0840, 29.5386, -0.9507** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **129.9160, -29.5386, 0.9507**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.8500, 31.1330, 1.0086**, and **33.5950, 27.8077, -5.7838** is the 20% darker color. If you saturate the color by 10%, you get **69.2780, 35.3589, -1.1208**, and if you desaturate by 10%, it is **92.8900, 23.7182, -0.7805**.

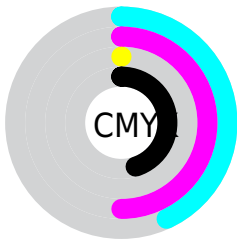
Distribution



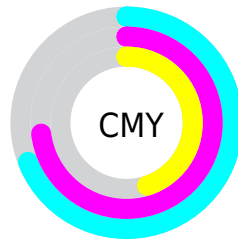
- Red (31%)
- Green (27%)
- Blue (55%)



- Red (31%)
- Yellow (27%)
- Blue (55%)



- Cyan (43%)
- Magenta (50%)
- Yellow (0%)
- Black (45%)



- Cyan (69%)
- Magenta (73%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.0840, 29.5386, -0.9507 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 81.0840, 29.5386, -0.9507 by changing the saturation by 10% instead.

81.0840, 29.5386,
-0.9507

81.0840, 29.5386,
-0.9507

255.0000, 0.0000,
0.0000

56.8450, 28.6704,
-2.4951

131.8500, 31.1330,
1.0086

33.5950, 27.8077,
-5.7838

157.7900, 32.1485,
1.9382

9.2850, 27.9605,
-8.1429

185.3170, 32.8747,
2.3530

6.6630, 17.9141,
-5.8435

209.8800, 22.2442,
5.3672

3.0950, 9.3202,
-2.7143

234.9870, 9.8664,
8.7814

0.0000, 0.0000,
0.0000

■ 81.0840, 29.5386,
-0.9507

■ 81.0840, 29.5386,
-0.9507

■ 69.2780, 35.3589,
-1.1208

■ 92.8900, 23.7182,
-0.7805

■ 57.4720, 41.1793,
-1.2909

■ 104.6960, 17.8979,
-0.6104

■ 45.6660, 46.9997,
-1.4611

■ 116.5020, 12.0775,
-0.4403

■ 33.8600, 52.8200,
-1.6312

■ 128.3080, 6.2572,
-0.2701

■ 22.0540, 58.6404,
-1.8014


■ 141.0000, 0.0000,
0.0000

■ 152.8060, -5.8204,
0.1701

■ 164.6120,
-11.6407, 0.3403

■ 176.4180,

-17.4611, 0.5104

 188.2240,
-23.2814, 0.6806

Harmonies

Analogous

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



66.5220, 41.6477, -58.3398



81.0840, 29.5386, -0.9507



80.9980, 16.7630, 36.8358

Triad

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



81.0840, 29.5386, -0.9507



76.5280, -30.8263, 40.7559



65.4720, 7.1623, -57.4189

Complementary

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



81.0840, 29.5386, -0.9507



129.9160, -29.5386, 0.9507

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.



60.1940, -7.9836, -52.7901



81.0840, 29.5386, -0.9507



75.0770, -37.0130, 18.3495

Square

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



81.0840, 29.5386, -0.9507



76.4540, -15.0138, 55.7298



70.6220, -30.3796, -9.3155



69.4620, 22.4502, -60.9182

Rectangle

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



81.0840, 29.5386, -0.9507



78.1650, 6.8207, 52.4753



70.6220, -30.3796, -9.3155



64.1040, 1.9207, -56.2192

Sweetspot

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



81.0840, 29.5386, -0.9507



160.3880, 11.6407, -0.3403



114.4880, 13.0704, -39.0160



77.8350, 6.9833, 0.1447



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



81.0840, 29.5386, -0.9507



90.4380, 46.1261, -1.2611



91.5490, 24.3793, 20.5665



65.0970, 2.9102, -0.0851



21.0710, 56.1670, -1.8163



1.2110, 3.3470, -0.1850

Inverse Universe

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



98.1830, 16.1788, 37.5505



117.0190, 25.1336, 58.7423



119.4510, -24.3793, -20.5665



66.7770, 1.5889, 3.7036



53.5890, 30.7686, 71.3974



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 81.0840, 29.5386, -0.9507 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 81.0840, 29.5386, -0.9507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

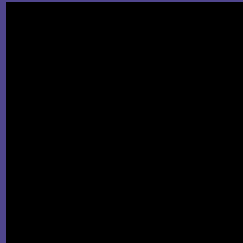
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.0840, 29.5386, -0.9507

Background



This preview shows how black text looks on a background with the YUV color 81.0840, 29.5386, -0.9507.



This preview shows how white text looks on a background with the YUV color 81.0840, 29.5386,

-0.9507.

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

81.0840, 29.5386, -0.9507

Protanopia

75.6290, 36.1719, -28.6156

Deuteranopia

73.5590, 32.2624, -34.6932



Tritanopia

78.9000, 4.9793, -10.4363

Trichromacy



Original Color

81.0840, 29.5386, -0.9507

Protanomaly

77.4130, 33.8134, -18.7792

Deuteranomaly

76.4080, 31.3509, -22.2828

Tritanomaly

79.6260, 13.9884, -6.6880

Monochromacy



Original Color

81.0840, 29.5386, -0.9507

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1600, 10.7671, -0.1403

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.0840, 29.5386, -0.9507 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(80, 70, 141)` looks like.

```
.text, #text, p{  
    color:rgb(80, 70, 141)  
}
```

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(80, 70, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 70, 141) }
```

Border

The CSS property to change the border of an element to YUV 81.0840, 29.5386, -0.9507 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(80, 70, 141) }
```


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

```
.border{ border-color:rgb(80, 70, 141) }
```

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

Here you see how a box with a 4 pixel rgb(80, 70, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 70, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 70, 141);  
box-shadow:4px 4px 4px 4px rgb(80, 70,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 81.0840, 29.5386, -0.9507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 70, 141) }
```

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

```
.background{ background-color: rgb(80, 70,  
141) }
```

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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