

Converting Colors

YUV(84.4140, 21.9809,
-50.3521)

Have a look what the booklet for
YUV(84.4140, 21.9809, -50.3521)
contains.

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Color

**YUV(84.4140, 21.9809,
-50.3521)**

Conversions

Conversions Part 1

Format	Color
Hex	1B6981
RGB	27, 105, 129
RGB Percent	11%, 41%, 51%
CMY	0.8941, 0.5882, 0.4941
CMYK	0.79, 0.19, 0.00, 0.49
HSL	194°, 65%, 31%
HSV	194°, 79%, 51%
XYZ	9.4660, 11.9211, 22.5710
YIQ	84.4140, -54.1920, -9.0720

Conversions

Conversions Part 2

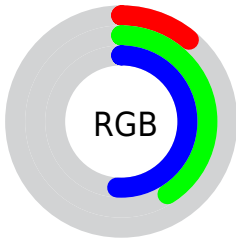
Format	Color
R _Y B	27, 71, 129
Decimal	1796481
CIE Lab	41.09, -14.32, -19.93
CIE LCh	41, 24.542, 234.316
Yxy	11.9211, 0.2153, 0.2712
Android (android.graphics.Color)	4279986561 (0xFF1B6981)
YUV	84.4140, 21.9809, -50.3521
Hunter-Lab	34.5270, -11.4842, -14.5901

Details

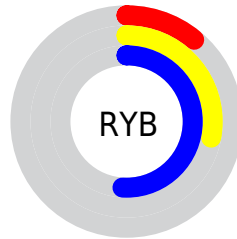
The YUV color **84.4140, 21.9809, -50.3521** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71.5860, -21.9809, 50.3521**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6320, 21.3804, -44.4043**, and **43.1660, 18.1592, -37.8566** is the 20% darker color. If you saturate the color by 10%, you get **78.7660, 24.7654, -56.7998**, and if you desaturate by 10%, it is **90.0620, 19.1964, -43.9044**.

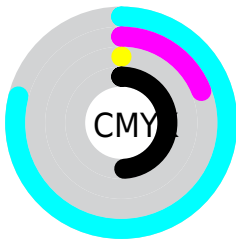
Distribution



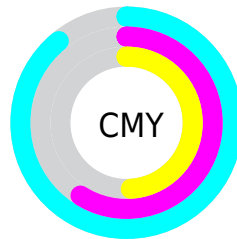
- Red (11%)
- Green (41%)
- Blue (51%)



- Red (11%)
- Yellow (28%)
- Blue (51%)



- Cyan (79%)
- Magenta (19%)
- Yellow (0%)
- Black (49%)



- Cyan (89%)
- Magenta (59%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.4140, 21.9809, -50.3521 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 84.4140, 21.9809, -50.3521 by changing the saturation by 10% instead.

84.4140, 21.9809,
-50.3521

84.4140, 21.9809,
-50.3521

255.0000, 0.0000,
0.0000

59.4030, 21.9863,
-52.0964

138.6320, 21.3804,
-44.4043

43.1660, 18.1592,
-37.8566

166.0450, 21.6698,
-43.8895

27.6300, 14.4794,
-24.2315

194.0450, 21.6698,
-43.8895

9.8600, 12.3940,
-8.6472

220.7910, 16.8650,
-42.7897

1.2540, 4.8048,
-1.0998

238.8540, 7.9600,
-33.1980

0.0000, 0.0000,
0.0000

247.5250, 3.6852,

-15.3694

■ 84.4140, 21.9809,
-50.3521

■ 84.4140, 21.9809,
-50.3521

■ 78.7660, 24.7654,
-56.7998

■ 90.0620, 19.1964,
-43.9044

■ 73.1180, 27.5498,
-63.2475

■ 95.7100, 16.4120,
-37.4567

■ 72.8190, 27.6972,
-63.8623

■ 101.3580, 13.6275,
-31.0090

■ 107.0060, 10.8430,
-24.5613

■ 112.6540, 8.0586,
-18.1136

■ 118.0030, 5.4215,
-12.2806

■ 123.6510, 2.6371,
-5.8329

■ 129.2990, -0.1474,
0.6148

■ 134.9470, -2.9319,
7.0625

Harmonies

Analogous

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



81.0730, 15.7400, -55.3150



84.4140, 21.9809, -50.3521



92.5570, 21.9104, -27.6755

Triad

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



84.4140, 21.9809, -50.3521



99.5290, 1.2182, 29.3541



93.9340, -16.7295, -0.8191

Complementary

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



84.4140, 21.9809, -50.3521



71.5860, -21.9809, 50.3521

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.



95.7620, -19.1097, 15.9947



84.4140, 21.9809, -50.3521



98.0320, -8.3968, 33.2979

Square

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



84.4140, 21.9809, -50.3521



99.8570, 10.4235, 16.7884



97.0500, -15.8006, 28.0202



90.8870, -8.8183, -18.3179

Rectangle

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



84.4140, 21.9809, -50.3521



96.9720, 19.2408, -11.3764



97.0500, -15.8006, 28.0202



94.8100, -18.6403, 5.4286

Sweetspot

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



84.4140, 21.9809, -50.3521



150.7570, 8.5008, -19.9579



89.6100, -19.0347, -54.9090



73.3020, 5.2741, -11.6659



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



84.4140, 21.9809, -50.3521



98.4410, 34.2926, -79.3168



54.4770, 36.7398, -24.0973



60.7330, 1.6106, -3.2738



72.1180, 27.5498, -63.2475



0.0000, 0.0000, 0.0000

Inverse Universe

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



66.3900, 19.0347, 54.9090



69.8620, 30.1410, 86.0670



101.5230, -36.7398, 24.0973



59.6630, 1.1521, 3.8035



49.3300, 23.5013, 68.9936



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 84.4140, 21.9809, -50.3521 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 84.4140, 21.9809, -50.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

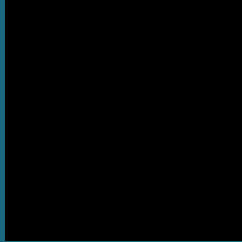
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.4140, 21.9809, -50.3521

Background



This preview shows how black text looks on a background with the YUV color 84.4140, 21.9809, -50.3521.

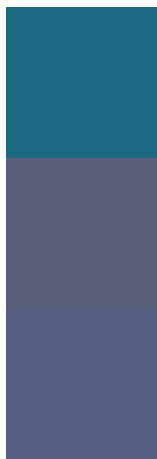


This preview shows how white text looks on a background with the YUV color 84.4140, 21.9809, -50.3521.

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

84.4140, 21.9809, -50.3521

Protanopia

96.5830, 12.5306, -5.7733

Deuteranopia

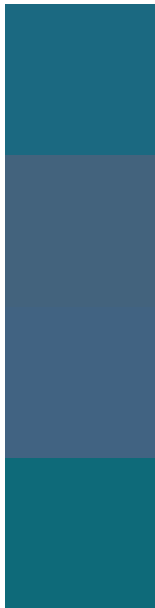
96.4130, 17.0514, -9.1322



Tritanopia

78.1260, 18.6719, -62.3775

Trichromacy



Original Color

84.4140, 21.9809, -50.3521

Protanomaly

92.3960, 16.0738, -22.2723

Deuteranomaly

92.3680, 18.5526, -24.0017

Tritanomaly

80.2020, 20.1134, -58.0592

Monochromacy



Original Color

84.4140, 21.9809, -50.3521

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.2410, 7.7692, -18.6284

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.4140, 21.9809, -50.3521 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(27, 105, 129)` looks like.

```
.text, #text, p{  
    color:rgb(27, 105, 129)  
}
```

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(27, 105, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 105, 129) }
```

Border

The CSS property to change the border of an element to YUV 84.4140, 21.9809, -50.3521 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(27, 105, 129) }
```


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

```
.border{ border-color:rgb(27, 105, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 105, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 105, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 105, 129);  
box-shadow:4px 4px 4px 4px rgb(27, 105,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 84.4140, 21.9809, -50.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 105, 129) }
```

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

```
.background{ background-color: rgb(27, 105,  
129) }
```

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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