

Converting Colors

YUV(83.4350, 26.9005,
-41.6005)

Have a look what the booklet for
YUV(83.4350, 26.9005, -41.6005)
contains.

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Color

**YUV(83.4350, 26.9005,
-41.6005)**

Conversions

Conversions Part 1

Format	Color
Hex	24618A
RGB	36, 97, 138
RGB Percent	14%, 38%, 54%
CMY	0.8588, 0.6196, 0.4588
CMYK	0.74, 0.30, 0.00, 0.46
HSL	204°, 59%, 34%
HSV	204°, 74%, 54%
XYZ	9.5897, 10.7594, 25.6161
YIQ	83.4350, -49.5170, -0.1810

Conversions

Conversions Part 2

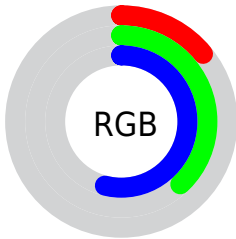
Format	Color
R_{YB}	36, 74, 138
Decimal	2384266
CIE _{Lab}	39.17, -5.04, -28.34
CIE _{LCh}	39, 28.787, 259.912
Yxy	10.7594, 0.2086, 0.2341
Android (android.graphics.Color)	4280574346 (0xFF24618A)
YUV	83.4350, 26.9005, -41.6005
Hunter-Lab	32.8016, -5.2175, -23.3409

Details

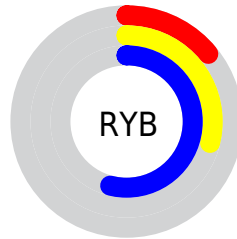
The YUV color **83.4350, 26.9005, -41.6005** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **90.5650, -26.9005, 41.6005**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.5820, 27.3211, -36.4674**, and **39.9690, 23.6793, -35.0528** is the 20% darker color. If you saturate the color by 10%, you get **75.7270, 30.7006, -47.1186**, and if you desaturate by 10%, it is **91.1430, 23.1005, -36.0824**.

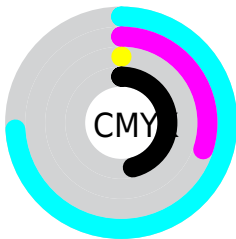
Distribution



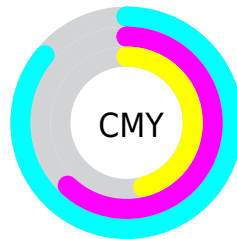
- Red (14%)
- Green (38%)
- Blue (54%)



- Red (14%)
- Yellow (29%)
- Blue (54%)



- Cyan (74%)
- Magenta (30%)
- Yellow (0%)
- Black (46%)



- Cyan (86%)
- Magenta (62%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.4350, 26.9005, -41.6005 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 83.4350, 26.9005, -41.6005 by changing the saturation by 10% instead.

83.4350, 26.9005,
-41.6005

83.4350, 26.9005,
-41.6005

255.0000, 0.0000,
0.0000

55.6190, 27.7958,
-48.7779

136.5820, 27.3211,
-36.4674

39.9690, 23.6793,
-35.0528

163.6960, 27.7579,
-36.5674

24.9060, 19.2733,
-21.8426

191.1090, 28.0473,
-36.0526

6.5490, 17.4773,
-5.7435

217.0140, 18.7271,
-33.3383

2.8670, 8.4466,
-2.5144

240.6480, 7.0755,
-29.5093

0.0000, 0.0000,
0.0000

249.6180, 2.6533,

-11.0660

■ 83.4350, 26.9005,
-41.6005

■ 83.4350, 26.9005,
-41.6005

■ 75.7270, 30.7006,
-47.1186

■ 91.1430, 23.1005,
-36.0824

■ 68.6060, 34.2112,
-53.1515

■ 98.2640, 19.5898,
-30.0495

■ 64.4530, 36.2587,
-56.5253

■ 105.6730, 15.9372,
-25.1462

■ 112.7940, 12.4266,
-19.1133

■ 120.5020, 8.6265,
-13.5953

■ 127.6230, 5.1159,
-7.5624

■ 135.3310, 1.3158,
-2.0443

■ 142.1530, -2.0474,
3.3738

■ 149.8610, -5.8475,
8.8919

Harmonies

Analogous

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



74.3520, 25.9555, -65.2067



83.4350, 26.9005, -41.6005



92.2650, 21.5614, -9.0024

Triad

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



83.4350, 26.9005, -41.6005



93.2930, -7.5394, 38.3310



85.3770, -12.0179, -18.7476

Complementary

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



83.4350, 26.9005, -41.6005



90.5650, -26.9005, 41.6005

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.



88.9190, -20.6661, 1.8250



83.4350, 26.9005, -41.6005



92.3280, -17.4167, 33.0383

Square

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



83.4350, 26.9005, -41.6005



94.4200, 3.2439, 32.9577



90.9860, -22.1781, 20.1833



78.8820, 2.0302, -44.6235

Rectangle

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



83.4350, 26.9005, -41.6005



94.7080, 16.4130, 9.0261



90.9860, -22.1781, 20.1833



87.0960, -15.8233, -11.4852

Sweetspot

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



83.4350, 26.9005, -41.6005



157.6480, 10.5265, -16.3543



100.5480, -11.6092, -56.6086



76.8400, 5.9949, -9.5067



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



83.4350, 26.9005, -41.6005



93.8910, 41.9587, -64.8024



53.4980, 41.6595, -15.3457



65.1460, 1.9000, -2.7590



61.5350, 35.2322, -53.9662



2.3310, 1.3158, -2.0443

Inverse Universe

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



73.4520, 11.6092, 56.6086



78.3710, 18.0581, 88.2516



120.5020, -41.6595, 15.3457



64.5490, 0.7153, 3.9035



48.7730, 14.9019, 73.8671



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 83.4350, 26.9005, -41.6005 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 83.4350, 26.9005, -41.6005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

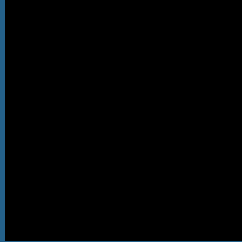
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.4350, 26.9005, -41.6005

Background



This preview shows how black text looks on a background with the YUV color 83.4350, 26.9005, -41.6005.



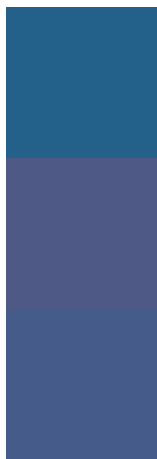
This preview shows how white text looks on a background with the YUV color 83.4350, 26.9005, -41.6005.

-41.6005.

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

83.4350, 26.9005, -41.6005

Protanopia

91.3140, 20.5512, -11.6764

Deuteranopia

90.4810, 23.9199, -18.8388



Tritanopia

72.4140, 18.5299, -63.5071

Trichromacy



Original Color

83.4350, 26.9005, -41.6005

Protanomaly

88.8180, 22.7677, -22.6424

Deuteranomaly

88.0670, 25.1100, -27.2458

Tritanomaly

76.2670, 21.5604, -55.4852

Monochromacy



Original Color

83.4350, 26.9005, -41.6005

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1320, 9.7949, -15.0248

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.4350, 26.9005, -41.6005 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(36, 97, 138)` looks like.

```
.text, #text, p{  
    color:rgb(36, 97, 138)  
}
```

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(36, 97, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 97, 138) }
```

Border

The CSS property to change the border of an element to YUV 83.4350, 26.9005, -41.6005 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(36, 97, 138) }
```


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

```
.border{ border-color:rgb(36, 97, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 97, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 97, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 97, 138);  
box-shadow:4px 4px 4px 4px rgb(36, 97,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 83.4350, 26.9005, -41.6005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 97, 138) }
```

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

```
.background{ background-color: rgb(36, 97,  
138) }
```

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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