

Converting Colors

YUV(85.4400, 9.1501, -41.6049)

Have a look what the booklet for
YUV(85.4400, 9.1501, -41.6049)
contains.

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Color

**YUV(85.4400, 9.1501,
-41.6049)**

Conversions

Conversions Part 1

Format	Color
Hex	266A68
RGB	38, 106, 104
RGB Percent	15%, 42%, 41%
CMY	0.8510, 0.5843, 0.5922
CMYK	0.64, 0.00, 0.02, 0.58
HSL	178°, 47%, 28%
HSV	178°, 64%, 42%
XYZ	8.4521, 11.7196, 14.9133
YIQ	85.4400, -39.8860, -15.0380

Conversions

Conversions Part 2

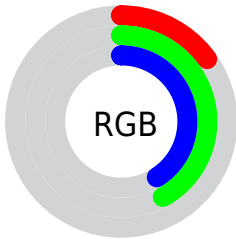
Format	Color
R_{YB}	38, 73, 106
Decimal	2517608
CIE _{Lab}	40.77, -21.51, -5.22
CIE _{LCh}	41, 22.135, 193.641
Yxy	11.7196, 0.2409, 0.3340
Android (android.graphics.Color)	4280707688 (0xFF266A68)
YUV	85.4400, 9.1501, -41.6049
Hunter-Lab	34.2339, -15.8393, -1.8648

Details

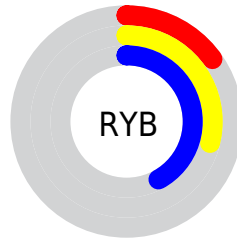
The YUV color **85.4400, 9.1501, -41.6049** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **58.5600, -9.1501, 41.6049**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9240, 8.4185, -40.2753**, and **40.5440, 8.1128, -35.5571** is the 20% darker color. If you saturate the color by 10%, you get **82.1510, 10.7716, -48.3674**, and if you desaturate by 10%, it is **88.7290, 7.5286, -34.8423**.

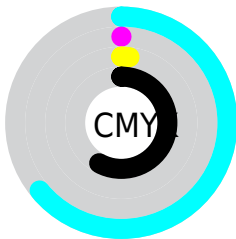
Distribution



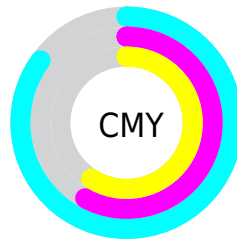
- Red (15%)
- Green (42%)
- Blue (41%)



- Red (15%)
- Yellow (29%)
- Blue (42%)



- Cyan (64%)
- Magenta (0%)
- Yellow (2%)
- Black (58%)



- Cyan (85%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4400, 9.1501, -41.6049 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 85.4400, 9.1501, -41.6049 by changing the saturation by 10% instead.

85.4400, 9.1501,
-41.6049

85.4400, 9.1501,
-41.6049

255.0000, 0.0000,
0.0000

57.5530, 11.0664,
-49.5970

137.9240, 8.4185,
-40.2753

40.5440, 8.1128,
-35.5571

164.9240, 8.4185,
-40.2753

25.2360, 5.3067,
-22.1320

191.9240, 8.4185,
-40.2753

5.2320, 4.8156,
-4.5885

220.6250, 8.5659,
-40.8901

0.0000, 0.0000,
0.0000

239.1530, 7.8126,
-32.5832

247.8240, 3.5378,

-14.7546

■ 85.4400, 9.1501,
-41.6049

■ 85.4400, 9.1501,
-41.6049

■ 82.1510, 10.7716,
-48.3674

■ 88.7290, 7.5286,
-34.8423

■ 79.0470, 11.8088,
-54.4152

■ 91.8330, 6.4913,
-28.7945

■ 75.7580, 13.4303,
-61.1778

■ 95.1220, 4.8699,
-22.0320

■ 73.9640, 14.3147,
-64.8664

■ 98.1120, 3.3958,
-15.8842

■ 101.5150, 2.2111,
-9.2217

■ 104.8040, 0.5896,
-2.4591

■ 107.7940, -0.8844,
3.6887

■ 111.0830, -2.5059,
10.4512

■ 114.1870, -3.5432,
16.4990

Harmonies

Analogous

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



88.6670, -1.8078, -26.8950



85.4400, 9.1501, -41.6049



85.5950, 17.4547, -45.2488

Triad

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



85.4400, 9.1501, -41.6049



98.7420, 11.4662, 8.9963



96.0550, -16.7891, 18.3688

Complementary

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



85.4400, 9.1501, -41.6049



58.5600, -9.1501, 41.6049

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.



97.2610, -12.4537, 27.8351



85.4400, 9.1501, -41.6049



98.8810, 4.0027, 22.9064

Square

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



85.4400, 9.1501, -41.6049



95.8150, 17.3462, -10.3618



97.6340, -4.7496, 30.1390



94.3800, -16.4563, 4.9287

Rectangle

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



85.4400, 9.1501, -41.6049



88.5190, 19.4641, -36.4122



97.6340, -4.7496, 30.1390



96.0170, -15.7844, 22.7871

Sweetspot

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



85.4400, 9.1501, -41.6049



130.1120, 3.3958, -15.8842



78.5140, -19.9734, -33.7768



64.1020, 1.9217, -9.7365



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.



85.4400, 9.1501, -41.6049



105.9640, 14.3147, -64.8664



66.8840, 19.2842, -25.3313



52.0920, 0.4476, -3.5887



81.6750, 15.9362, -71.6290



170.9470, 33.0571, -149.9205

Inverse Universe

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



58.5600, -9.1501, 41.6049



64.0360, -14.3147, 64.8664



77.1160, -19.2842, 25.3313



49.7940, -0.8844, 3.6887



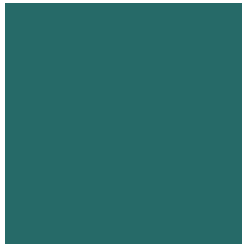
35.3250, -15.9362, 71.6290



74.0530, -33.0571, 149.9205

Previews

White Background



This preview shows how the YUV color 85.4400, 9.1501, -41.6049 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 85.4400, 9.1501, -41.6049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

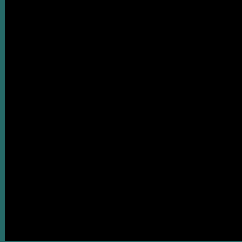
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4400, 9.1501, -41.6049

Background



This preview shows how black text looks on a background with the YUV color 85.4400, 9.1501, -41.6049.



This preview shows how white text looks on a background with the YUV color 85.4400, 9.1501, -41.6049.

-41.6049.

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

85.4400, 9.1501, -41.6049

Protanopia

95.8260, 0.5788, 1.0296

Deuteranopia

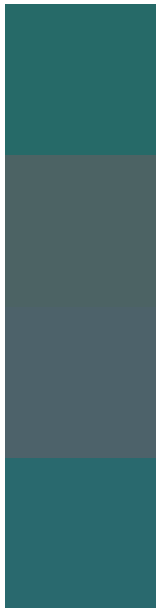
96.6890, 5.0833, 2.9037



Tritanopia

87.0750, 12.7810, -39.5308

Trichromacy



Original Color

85.4400, 9.1501, -41.6049

Protanomaly

92.2370, 3.8272, -14.2398

Deuteranomaly

92.6330, 6.5899, -13.7101

Tritanomaly

86.4340, 11.6180, -39.8456

Monochromacy



Original Color

85.4400, 9.1501, -41.6049

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.4110, 3.2484, -15.2694

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4400, 9.1501, -41.6049 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(38, 106, 104)` looks like.

```
.text, #text, p{  
    color:rgb(38, 106, 104)  
}
```

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(38, 106, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 106, 104) }
```

Border

The CSS property to change the border of an element to YUV 85.4400, 9.1501, -41.6049 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(38, 106, 104) }
```


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

```
.border{ border-color:rgb(38, 106, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 106, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 106, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 106, 104);  
box-shadow:4px 4px 4px 4px rgb(38, 106,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 85.4400, 9.1501, -41.6049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 106, 104) }
```

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

```
.background{ background-color: rgb(38, 106,  
104) }
```

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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