

Converting Colors

YUV(85.4620, 9.1392, -38.1162)

Have a look what the booklet for
YUV(85.4620, 9.1392, -38.1162)
contains.

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Color

**YUV(85.4620, 9.1392,
-38.1162)**

Conversions

Conversions Part 1

Format	Color
Hex	2A6868
RGB	42, 104, 104
RGB Percent	16%, 41%, 41%
CMY	0.8353, 0.5922, 0.5922
CMYK	0.60, 0.00, 0.00, 0.59
HSL	180°, 42%, 29%
HSV	180°, 60%, 41%
XYZ	8.4039, 11.3923, 14.8527
YIQ	85.4620, -36.9520, -13.1440

Conversions

Conversions Part 2

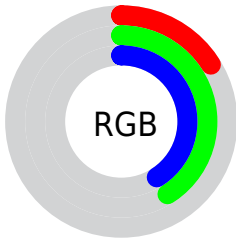
Format	Color
RYB	42, 73, 104
Decimal	2779240
CIELab	40.23, -19.64, -6.00
CIElCh	40, 20.533, 196.991
Yxy	11.3923, 0.2425, 0.3288
Android (android.graphics.Color)	4280969320 (0xFF2A6868)
YUV	85.4620, 9.1392, -38.1162
Hunter-Lab	33.7525, -14.6233, -2.4636




Details

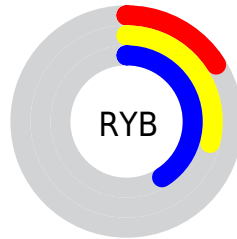
The YUV color **85.4620, 9.1392, -38.1162** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **60.5380, -9.1392, 38.1162**, and the grayscale version is **85.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **137.0600, 8.8444, -36.8866**, and **39.3700, 8.6916, -34.5275** is the 20% darker color. If you saturate the color by 10%, you get **82.4720, 10.6133, -44.2639**, and if you desaturate by 10%, it is **88.4520, 7.6652, -31.9684**.

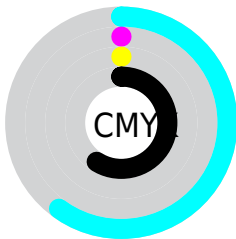
Distribution







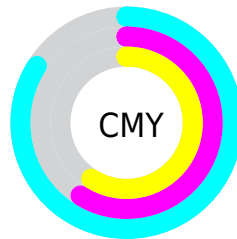
-  Red (16%)
-  Green (41%)
-  Blue (41%)






-  Red (16%)
-  Yellow (29%)
-  Blue (41%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (84%)
-  Magenta (59%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4620, 9.1392, -38.1162 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 85.4620, 9.1392, -38.1162 by changing the saturation by 10% instead.

85.4620, 9.1392,
-38.1162

85.4620, 9.1392,
-38.1162

255.0000, 0.0000,
0.0000

58.7710, 10.4659,
-43.6492

137.0600, 8.8444,
-36.8866

39.3700, 8.6916,
-34.5275

163.7610, 8.9918,
-37.5014

24.6490, 5.5960,
-21.6172

191.3480, 8.7024,
-38.0162

2.8840, 5.9732,
-2.5293

219.4620, 9.1392,
-38.1162

0.0000, 0.0000,
0.0000

239.7510, 7.5178,
-31.3536

248.4220, 3.2430,

-13.5251

■ 85.4620, 9.1392,
-38.1162

■ 85.4620, 9.1392,
-38.1162

■ 82.4720, 10.6133,
-44.2639

■ 88.4520, 7.6652,
-31.9684

■ 79.1830, 12.2348,
-51.0265

■ 91.7410, 6.0437,
-25.2059

■ 76.1930, 13.7089,
-57.1743

■ 94.7310, 4.5696,
-19.0581

■ 72.9040, 15.3303,
-63.9368

■ 98.0200, 2.9481,
-12.2955

■ 101.0100, 1.4741,
-6.1478

■ 104.0000, 0.0000,
0.0000

■ 107.2890, -1.6215,
6.7625

■ 110.2790, -3.0955,
12.9103

■ 113.5680, -4.7170,
19.6729

Harmonies

Analogous

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



88.3080, -0.6448, -26.5801



85.4620, 9.1392, -38.1162



85.9980, 16.2700, -38.5862

Triad

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



85.4620, 9.1392, -38.1162



97.1120, 10.2978, 10.4258



94.2720, -15.9101, 16.4245

Complementary

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



85.4620, 9.1392, -38.1162



60.5380, -9.1392, 38.1162

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.



95.6520, -12.1534, 24.8612



85.4620, 9.1392, -38.1162



97.2400, 2.8397, 22.5915

Square

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



85.4620, 9.1392, -38.1162



95.0820, 15.7356, -7.0879



96.2100, -5.0335, 27.8798



93.0100, -15.2879, 3.4992

Rectangle

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



85.4620, 9.1392, -38.1162



89.0960, 17.7007, -30.7792



96.2100, -5.0335, 27.8798



94.8210, -15.1948, 20.3280

Sweetspot

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



85.4620, 9.1392, -38.1162



127.8240, 3.5378, -14.7546



78.3940, -17.9422, -31.9175



64.5150, 2.2111, -9.2217



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.



85.4620, 9.1392, -38.1162



105.9970, 14.2985, -59.6334



67.2650, 18.1104, -22.1574



49.5050, 0.7370, -3.0739



80.6150, 16.9518, -70.6994



169.6420, 35.6725, -148.7760

Inverse Universe

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



67.6060, 17.9422, 31.9175



78.0610, 28.0709, 49.9355



78.7350, -18.1104, 22.1574



48.0650, 1.4470, 2.5740



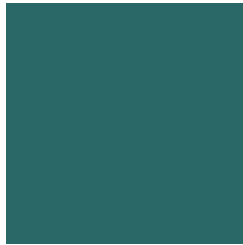
47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 85.4620, 9.1392, -38.1162 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 85.4620, 9.1392, -38.1162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

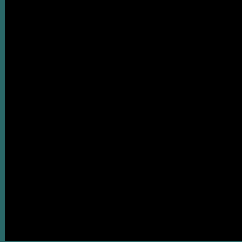
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4620, 9.1392, -38.1162

Background



This preview shows how black text looks on a background with the YUV color 85.4620, 9.1392, -38.1162.



This preview shows how white text looks on a background with the YUV color 85.4620, 9.1392, -38.1162.

-38.1162.

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

85.4620, 9.1392, -38.1162

Protanopia

94.7550, 1.5998, 0.2149

Deuteranopia

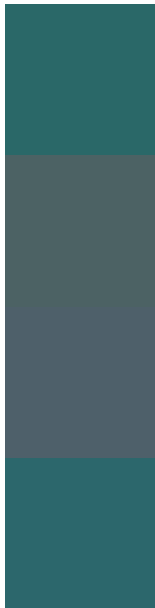
95.5040, 5.6675, 2.1890



Tritanopia

86.5700, 12.0440, -36.4569

Trichromacy



Original Color

85.4620, 9.1392, -38.1162

Protanomaly

91.6500, 4.1165, -13.7251

Deuteranomaly

91.7580, 7.0213, -12.0658

Tritanomaly

85.9290, 10.8810, -36.7717

Monochromacy



Original Color

85.4620, 9.1392, -38.1162

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1230, 3.3904, -14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4620, 9.1392, -38.1162 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(42, 104, 104)` looks like.

```
.text, #text, p{  
    color:rgb(42, 104, 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(42, 104, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 104, 104) }
```

Border

The CSS property to change the border of an element to YUV 85.4620, 9.1392, -38.1162 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(42, 104, 104) }
```


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

```
.border{ border-color:rgb(42, 104, 104) }
```

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

Here you see how a box with a 4 pixel rgb(42, 104, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 104, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 104, 104);  
box-shadow:4px 4px 4px 4px rgb(42, 104,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 85.4620, 9.1392, -38.1162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 104, 104) }
```

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

```
.background{ background-color: rgb(42, 104,  
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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