

Converting Colors

YUV(85.4030, 5.2243, -42.4494)

Have a look what the booklet for
YUV(85.4030, 5.2243, -42.4494)
contains.

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Color

**YUV(85.4030, 5.2243,
-42.4494)**

Conversions

Conversions Part 1

Format	Color
Hex	256C60
RGB	37, 108, 96
RGB Percent	15%, 42%, 38%
CMY	0.8549, 0.5765, 0.6235
CMYK	0.66, 0.00, 0.11, 0.58
HSL	170°, 49%, 28%
HSV	170°, 66%, 42%
XYZ	8.2368, 11.9630, 12.9413
YIQ	85.4030, -38.4640, -18.7840

Conversions

Conversions Part 2

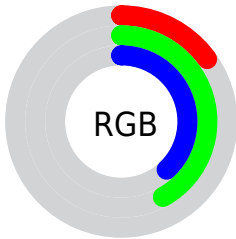
Format	Color
RYB	37, 76, 108
Decimal	2452576
CIELab	41.16, -25.10, 0.21
CIELCh	41, 25.104, 179.513
Yxy	11.9630, 0.2485, 0.3610
Android (android.graphics.Color)	4280642656 (0xFF256C60)
YUV	85.4030, 5.2243, -42.4494
Hunter-Lab	34.5875, -18.0194, 2.0273

Details

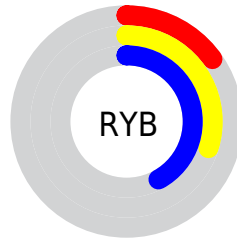
The YUV color **85.4030, 5.2243, -42.4494** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **59.5970, -5.2243, 42.4494**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.7730, 4.0559, -41.0199**, and **40.9200, 4.4764, -35.8868** is the 20% darker color. If you saturate the color by 10%, you get **81.8860, 5.9722, -49.0120**, and if you desaturate by 10%, it is **88.9200, 4.4764, -35.8868**.

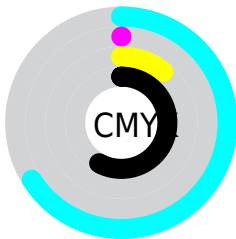
Distribution



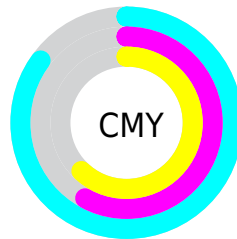
- Red (15%)
- Green (42%)
- Blue (38%)



- Red (15%)
- Yellow (30%)
- Blue (42%)



- Cyan (66%)
- Magenta (0%)
- Yellow (11%)
- Black (58%)



- Cyan (85%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4030, 5.2243, -42.4494 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 85.4030, 5.2243, -42.4494 by changing the saturation by 10% instead.

85.4030, 5.2243,
-42.4494

85.4030, 5.2243,
-42.4494

255.0000, 0.0000,
0.0000

56.9290, 7.4300,
-49.9267

137.7730, 4.0559,
-41.0199

40.9200, 4.4764,
-35.8868

164.7730, 4.0559,
-41.0199

25.6120, 1.6703,
-22.4617

192.3600, 3.7665,
-41.5347

5.0380, -1.0047,
-4.4183

220.0610, 3.9139,
-42.1495

0.0000, 0.0000,
0.0000

238.8540, 7.9600,
-33.1980

247.2260, 3.8326,

-15.9842

■ 85.4030, 5.2243,
-42.4494

■ 85.4030, 5.2243,
-42.4494

■ 81.8860, 5.9722,
-49.0120

■ 88.9200, 4.4764,
-35.8868

■ 78.3690, 6.7201,
-55.5746

■ 92.4370, 3.7286,
-29.3242

■ 75.2650, 7.7574,
-61.6224

■ 95.5410, 2.6913,
-23.2765

■ 73.6560, 8.0576,
-64.5963

■ 99.0580, 1.9434,
-16.7139

■ 102.5750, 1.1955,
-10.1513

■ 106.0920, 0.4476,
-3.5887

■ 109.6090, -0.3002,
2.9739

■ 112.8270, -0.9007,
8.9217

■ 116.2300, -2.0854,
15.5843

Harmonies

Analogous

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



90.2070, -7.4971, -22.1065



85.4030, 5.2243, -42.4494



79.1260, 18.6719, -62.3775

Triad

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



85.4030, 5.2243, -42.4494



98.7670, 16.8769, 0.2043



97.2840, -17.3950, 26.0609

Complementary

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



85.4030, 5.2243, -42.4494



59.5970, -5.2243, 42.4494

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.



98.2770, -9.9966, 33.0831



85.4030, 5.2243, -42.4494



100.1240, 8.8129, 20.0623

Square

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



85.4030, 5.2243, -42.4494



93.8780, 21.7521, -23.5720



99.0840, -0.5344, 31.4983



95.9250, -19.6830, 13.2208

Rectangle

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



85.4030, 5.2243, -42.4494



81.8970, 22.7288, -56.9147



99.0840, -0.5344, 31.4983



97.2890, -14.9325, 29.5645

Sweetspot

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



85.4030, 5.2243, -42.4494



131.1720, 2.3802, -16.8138



82.5640, -22.4631, -28.5586



65.6890, 1.6323, -10.2513



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



85.4030, 5.2243, -42.4494



104.7590, 8.4998, -66.4406



73.8570, 16.8325, -32.3236



52.0920, 0.4476, -3.5887



79.7370, 8.5107, -69.9293



166.9570, 17.7692, -146.4213

Inverse Universe

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



59.5970, -5.2243, 42.4494



64.3550, -8.0630, 66.3407



71.1430, -16.8325, 32.3236



49.9080, -0.4476, 3.5887



37.2630, -8.5107, 69.9293



77.9290, -18.2060, 146.5213

Previews

White Background



This preview shows how the YUV color 85.4030, 5.2243, -42.4494 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 85.4030, 5.2243, -42.4494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

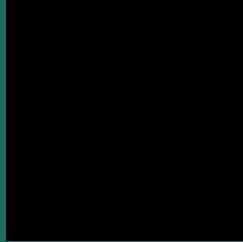
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4030, 5.2243, -42.4494

Background



This preview shows how black text looks on a background with the YUV color 85.4030, 5.2243, -42.4494.



This preview shows how white text looks on a background with the YUV color 85.4030, 5.2243, -42.4494.

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

85.4030, 5.2243, -42.4494

Protanopia

96.5120, -3.2104, 3.0590

Deuteranopia

97.8590, 0.5625, 6.2627



Tritanopia

88.0860, 12.7756, -37.7864

Trichromacy



Original Color

85.4030, 5.2243, -42.4494

Protanomaly

92.2110, -0.1040, -13.3400

Deuteranomaly

93.2050, 2.3639, -11.5808

Tritanomaly

86.9780, 9.8708, -39.4457

Monochromacy



Original Color

85.4030, 5.2243, -42.4494

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0690, 1.9380, -14.9695

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4030, 5.2243, -42.4494 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(37, 108, 96)` looks like.

```
.text, #text, p{  
    color:rgb(37, 108, 96)  
}
```

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(37, 108, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 108, 96) }
```

Border

The CSS property to change the border of an element to YUV 85.4030, 5.2243, -42.4494 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(37, 108, 96) }
```


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

```
.border{ border-color:rgb(37, 108, 96) }
```

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

Here you see how a box with a 4 pixel rgb(37, 108, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 108, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 108, 96);  
box-shadow:4px 4px 4px 4px rgb(37, 108,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 85.4030, 5.2243, -42.4494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 108, 96) }
```

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

```
.background{ background-color: rgb(37, 108,  
96) }
```

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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