

Converting Colors

YUV(85.5540, 16.4889,
-15.3949)

Have a look what the booklet for
YUV(85.5540, 16.4889, -15.3949)
contains.

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Color

**YUV(85.5540, 16.4889,
-15.3949)**

Conversions

Conversions Part 1

Format	Color
Hex	445877
RGB	68, 88, 119
RGB Percent	27%, 35%, 47%
CMY	0.7333, 0.6549, 0.5333
CMYK	0.43, 0.26, 0.00, 0.53
HSL	216°, 27%, 37%
HSV	216°, 43%, 47%
XYZ	9.2034, 9.5403, 18.8092
YIQ	85.5540, -21.8710, 5.4010

Conversions

Conversions Part 2

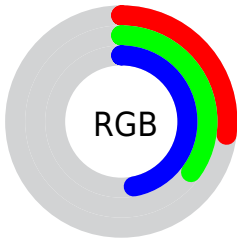
Format	Color
R_{YB}	68, 82, 119
Decimal	4479095
CIE _{Lab}	37.00, 1.13, -20.00
CIE _{LCh}	37, 20.032, 273.244
Yxy	9.5403, 0.2451, 0.2540
Android (android.graphics.Color)	4282669175 (0xFF445877)
YUV	85.5540, 16.4889, -15.3949
Hunter-Lab	30.8874, -0.8659, -14.4840

Details

The YUV color **85.5540, 16.4889, -15.3949** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **101.4460, -16.4889, 15.3949**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.7820, 17.3625, -15.5948**, and **38.9020, 15.3313, -17.4541** is the 20% darker color. If you saturate the color by 10%, you get **77.8570, 20.2835, -19.1686**, and if you desaturate by 10%, it is **93.2510, 12.6943, -11.6211**.

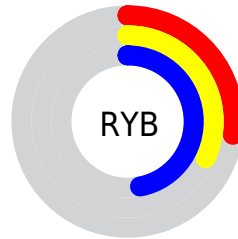
Distribution



Red (27%)

Green (35%)

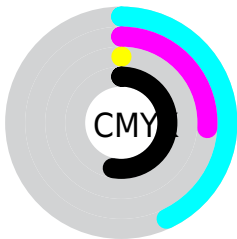
Blue (47%)



Red (27%)

Yellow (32%)

Blue (47%)

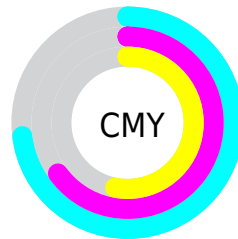


Cyan (43%)

Magenta (26%)

Yellow (0%)

Black (53%)



Cyan (73%)

Magenta (65%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.5540, 16.4889, -15.3949 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 85.5540, 16.4889, -15.3949 by changing the saturation by 10% instead.

■ 85.5540, 16.4889,
-15.3949

■ 85.5540, 16.4889,
-15.3949

■ 255.0000, 0.0000,
0.0000

■ 62.0270, 15.7627,
-15.8097

■ 135.7820, 17.3625,
-15.5948

■ 38.9020, 15.3313,
-17.4541

■ 162.3090, 18.0887,
-15.1800

■ 18.9730, 14.3103,
-16.6393

■ 189.4230, 18.5255,
-15.2800

■ 3.6650, 11.5042,
-3.2142

■ 217.1240, 18.6729,
-15.8947

■ 0.0000, 0.0000,
0.0000

■ 242.2310, 6.2951,
-12.4806

■ 85.5540, 16.4889,
-15.3949

■ 85.5540, 16.4889,
-15.3949

■ 77.8570, 20.2835,
-19.1686

■ 93.2510, 12.6943,
-11.6211

■ 70.1600, 24.0781,
-22.9423

■ 100.9480, 8.8996,
-7.8474

■ 61.8760, 28.1621,
-26.2013

■ 109.2320, 4.8156,
-4.5885

■ 54.1790, 31.9568,
-29.9750

■ 116.9290, 1.0210,
-0.8147

■ 46.4820, 35.7514,
-33.7487

■ 124.3270, -2.6262,
2.3442

■ 41.1550, 38.3776,
-36.0929

■ 132.0240, -6.4208,
6.1180

■ 140.3080,
-10.5048, 9.3769

■ 148.0050,

-14.2995, 13.1506

■ 155.7020,
-18.0941, 16.9243

Harmonies

Analogous

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



80.8570, 16.8325, -32.3236



85.5540, 16.4889, -15.3949



88.6380, 12.5035, 2.9485

Triad

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



85.5540, 16.4889, -15.3949



88.4610, -9.1013, 25.9057



81.9130, -4.8871, -19.2177

Complementary

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



85.5540, 16.4889, -15.3949



101.4460, -16.4889, 15.3949

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.



83.8780, -11.7719, -4.2780



85.5540, 16.4889, -15.3949



87.1630, -13.8844, 20.0280

Square

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



85.5540, 16.4889, -15.3949



89.1110, -1.5337, 25.3357



86.0430, -15.3042, 8.7323



78.9420, 4.4656, -32.3981

Rectangle

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



85.5540, 16.4889, -15.3949



89.6670, 8.5452, 12.5700



86.0430, -15.3042, 8.7323



82.8490, -7.8136, -13.8996

Sweetspot

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



85.5540, 16.4889, -15.3949



142.0900, 6.8576, -6.2179



101.4710, -1.2182, -29.3541



70.4170, 4.2314, -3.8737



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



85.5540, 16.4889, -15.3949



103.3170, 25.9727, -23.9570



75.3090, 21.5397, -2.0250



54.8580, 2.0420, -1.6295



42.0840, 39.3986, -36.9077



86.0260, 80.8392, -75.4448

Inverse Universe

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



85.5290, 1.2182, 29.3541



103.4540, 1.7482, 46.0828



111.6910, -21.5397, 2.0250



55.0220, -0.0108, 3.4887



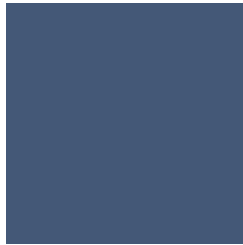
41.9500, 2.9826, 70.2039



85.9220, 5.9545, 143.8964

Previews

White Background



This preview shows how the YUV color 85.5540, 16.4889, -15.3949 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 ✓ Pass

Black Background



This preview shows how the YUV color 85.5540, 16.4889, -15.3949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

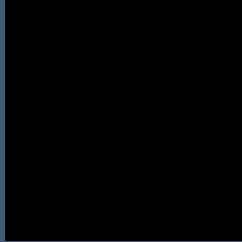
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

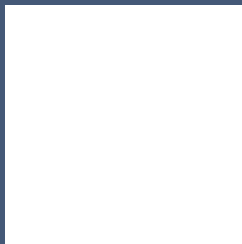
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 85.5540, 16.4889, -15.3949

Background



This preview shows how black text looks on a background with the YUV color 85.5540, 16.4889, -15.3949.



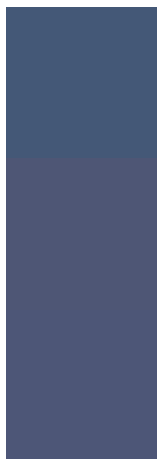
This preview shows how white text looks on a background with the YUV color 85.5540, 16.4889,

-15.3949.

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

85.5540, 16.4889, -15.3949

Protanopia

87.1420, 14.7200, -8.0175

Deuteranopia

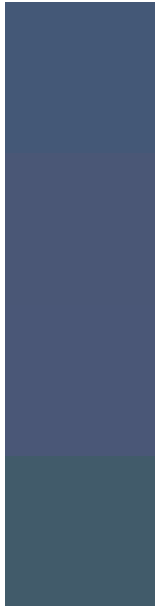
87.0710, 15.7410, -8.8323



Tritanopia

84.1270, 7.3324, -18.5284

Trichromacy



Original Color

85.5540, 16.4889, -15.3949

Protanomaly

86.6470, 15.4570, -11.0914

Deuteranomaly

86.7610, 15.8938, -11.1914

Tritanomaly

84.9360, 10.3846, -17.4839

Monochromacy



Original Color

85.5540, 16.4889, -15.3949

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.8620, 5.9840, -6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5540, 16.4889, -15.3949 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(68, 88, 119)` looks like.

```
.text, #text, p{  
    color:rgb(68, 88, 119)  
}
```

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(68, 88, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 88, 119) }
```

Border

The CSS property to change the border of an element to YUV 85.5540, 16.4889, -15.3949 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(68, 88, 119) }
```


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

```
.border{ border-color:rgb(68, 88, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 88, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 88, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 88, 119);  
box-shadow:4px 4px 4px 4px rgb(68, 88,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 85.5540, 16.4889, -15.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 88, 119) }
```

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

```
.background{ background-color: rgb(68, 88,  
119) }
```

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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