

Converting Colors

YUV(85.4570, 13.5787,
-15.3098)

Have a look what the booklet for
YUV(85.4570, 13.5787, -15.3098)
contains.

YUV(85.4570, 13.5787, -15.3098)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(85.4570, 13.5787,
-15.3098)**

Conversions

Conversions Part 1

Format	Color
Hex	445971
RGB	68, 89, 113
RGB Percent	27%, 35%, 44%
CMY	0.7333, 0.6510, 0.5569
CMYK	0.40, 0.21, 0.00, 0.56
HSL	212°, 25%, 35%
HSV	212°, 40%, 44%
XYZ	8.9369, 9.5660, 16.9982
YIQ	85.4570, -20.2200, 3.0120

Conversions

Conversions Part 2

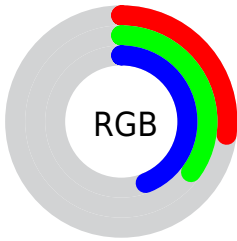
Format	Color
R _{YB}	68, 82, 113
Decimal	4479345
CIE Lab	37.05, -1.31, -16.22
CIE LCh	37, 16.274, 265.387
Yxy	9.5660, 0.2517, 0.2695
Android (android.graphics.Color)	4282669425 (0xFF445971)
YUV	85.4570, 13.5787, -15.3098
Hunter-Lab	30.9289, -2.5479, -10.9349

Details

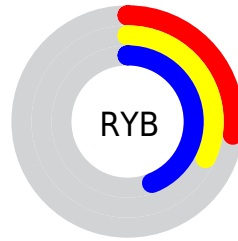
The YUV color **85.4570, 13.5787, -15.3098** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **95.5430, -13.5787, 15.3098**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6850, 14.4523, -15.5097**, and **39.2180, 12.7105, -16.8542** is the 20% darker color. If you saturate the color by 10%, you get **78.6460, 16.9365, -18.9835**, and if you desaturate by 10%, it is **92.2680, 10.2209, -11.6360**.

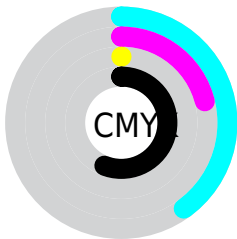
Distribution



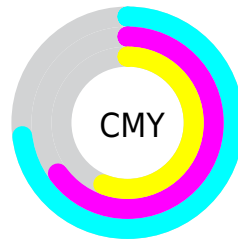
- Red (27%)
- Green (35%)
- Blue (44%)



- Red (27%)
- Yellow (32%)
- Blue (44%)



- Cyan (40%)
- Magenta (21%)
- Yellow (0%)
- Black (56%)



- Cyan (73%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4570, 13.5787, -15.3098 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 85.4570, 13.5787, -15.3098 by changing the saturation by 10% instead.

■ 85.4570, 13.5787,
-15.3098

■ 85.4570, 13.5787,
-15.3098

■ 255.0000, 0.0000,
0.0000

■ 61.9300, 12.8525,
-15.7246

■ 135.6850, 14.4523,
-15.5097

■ 39.2180, 12.7105,
-16.8542

■ 161.7990, 14.8891,
-15.6097

■ 18.4030, 12.1263,
-16.1394

■ 188.9130, 15.3259,
-15.7097

■ 3.0950, 9.3202,
-2.7143

■ 216.9130, 15.3259,
-15.7097

■ 0.0000, 0.0000,
0.0000

■ 243.1060, 5.8637,
-14.1250

■ 85.4570, 13.5787,
-15.3098

■ 85.4570, 13.5787,
-15.3098

■ 78.6460, 16.9365,
-18.9835

■ 92.2680, 10.2209,
-11.6360

■ 71.5360, 20.4418,
-23.2721

■ 99.3780, 6.7156,
-7.3475

■ 64.7250, 23.7996,
-26.9458

■ 106.1890, 3.3578,
-3.6738

■ 57.9140, 27.1574,
-30.6196

■ 113.0000, 0.0000,
0.0000

■ 50.8040, 30.6626,
-34.9081

■ 120.1100, -3.5052,
4.2885

■ 43.9930, 34.0205,
-38.5819

■ 126.9210, -6.8631,
7.9623

■ 133.7320,
-10.2209, 11.6360

■ 140.5430,

-13.5787, 15.3098

■ 147.6530,
-17.0839, 19.5983

Harmonies

Analogous

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



82.1630, 12.7376, -25.5760



85.4570, 13.5787, -15.3098



88.2630, 11.2093, -1.9847

Triad

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



85.4570, 13.5787, -15.3098



88.6500, -5.7434, 22.2320



83.7290, -5.7824, -12.0403

Complementary

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



85.4570, 13.5787, -15.3098



95.5430, -13.5787, 15.3098

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.



85.4270, -11.0565, -0.3745



85.4570, 13.5787, -15.3098



87.6620, -10.6794, 18.7134

Square

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



85.4570, 13.5787, -15.3098



89.5340, 0.2297, 19.7027



87.0370, -12.8362, 10.4916



81.6120, 1.6703, -22.4617

Rectangle

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



85.4570, 13.5787, -15.3098



89.2210, 8.2720, 6.8222



87.0370, -12.8362, 10.4916



84.1810, -7.9772, -8.0517

Sweetspot

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



85.4570, 13.5787, -15.3098



136.7480, 5.5472, -5.9180



97.1510, -2.5394, -25.5654



67.4880, 3.2104, -3.0590



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



85.4570, 13.5787, -15.3098



104.4650, 21.4628, -24.0868



73.7280, 19.3611, -3.2695



52.4450, 1.7526, -2.1443



46.5520, 36.2099, -40.8261



95.6630, 74.6091, -83.8965

Inverse Universe

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



83.8490, 2.5394, 25.5654



101.9910, 3.9484, 40.3499



107.5710, -19.5085, 3.8842



52.1360, 0.4260, 3.3887



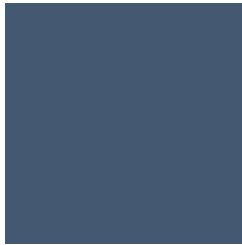
42.2640, 6.7718, 68.1745



86.9630, 13.8222, 140.3524

Previews

White Background



This preview shows how the YUV color 85.4570, 13.5787, -15.3098 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 85.4570, 13.5787, -15.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

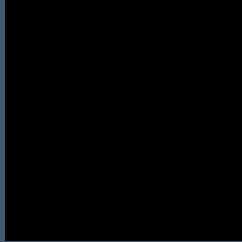
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

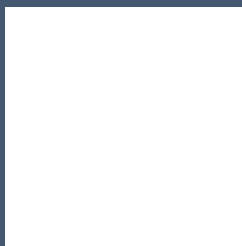
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 85.4570, 13.5787, -15.3098

Background



This preview shows how black text looks on a background with the YUV color 85.4570, 13.5787, -15.3098.



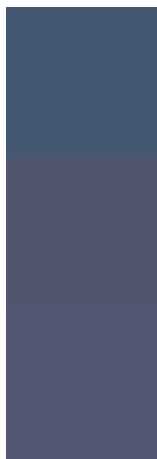
This preview shows how white text looks on a background with the YUV color 85.4570, 13.5787,

-15.3098.

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

85.4570, 13.5787, -15.3098

Protanopia

87.3550, 11.6570, -5.5733

Deuteranopia

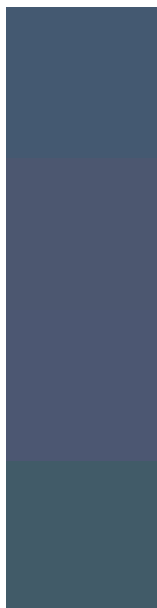
87.6970, 12.9674, -5.8733



Tritanopia

84.4260, 7.1850, -17.9136

Trichromacy



Original Color

85.4570, 13.5787, -15.3098

Protanomaly

86.5610, 12.5414, -9.2620

Deuteranomaly

86.7890, 13.4150, -9.4620

Tritanomaly

84.7080, 9.5110, -17.2839

Monochromacy



Original Color

85.4570, 13.5787, -15.3098

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9330, 4.9630, -5.2032

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4570, 13.5787, -15.3098 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, 89, 113)` looks like.

```
.text, #text, p{  
    color:rgb(68, 89, 113)  
}
```

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, 89, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 89, 113) }
```

Border

The CSS property to change the border of an element to YUV 85.4570, 13.5787, -15.3098 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, 89, 113) }
```


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

```
.border{ border-color:rgb(68, 89, 113) }
```

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

Here you see how a box with a 4 pixel rgb(68, 89, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 89, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 89, 113);  
box-shadow:4px 4px 4px 4px rgb(68, 89,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 85.4570, 13.5787, -15.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 89, 113) }
```

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

```
.background{ background-color: rgb(68, 89,  
113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor