

Converting Colors

YUV(85.6600, 5.5906, -19.8728)

Have a look what the booklet for
YUV(85.6600, 5.5906, -19.8728)
contains.

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Color

**YUV(85.6600, 5.5906,
-19.8728)**

Conversions

Conversions Part 1

Format	Color
Hex	3F5F61
RGB	63, 95, 97
RGB Percent	25%, 37%, 38%
CMY	0.7529, 0.6275, 0.6196
CMYK	0.35, 0.02, 0.00, 0.62
HSL	184°, 21%, 31%
HSV	184°, 35%, 38%
XYZ	8.2998, 10.1042, 12.8221
YIQ	85.6600, -19.7140, -6.1620

Conversions

Conversions Part 2

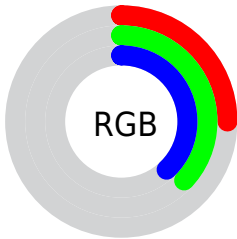
Format	Color
RYB	63, 79, 97
Decimal	4153185
CIELab	38.03, -11.06, -4.88
CIELCh	38, 12.085, 203.804
Yxy	10.1042, 0.2658, 0.3236
Android (android.graphics.Color)	4282343265 (0xFF3F5F61)
YUV	85.6600, 5.5906, -19.8728
Hunter-Lab	31.7872, -9.0204, -1.6650

Details

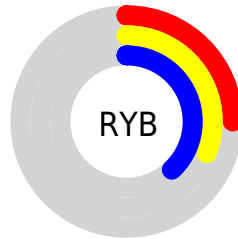
The YUV color **85.6600, 5.5906, -19.8728** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **74.3400, -5.5906, 19.8728**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.0620, 5.8854, -21.1024**, and **39.3610, 5.7380, -20.4876** is the 20% darker color. If you saturate the color by 10%, you get **82.0830, 7.3541, -25.5058**, and if you desaturate by 10%, it is **89.2370, 3.8272, -14.2398**.

Distribution



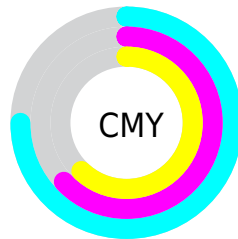
- Red (25%)
- Green (37%)
- Blue (38%)



- Red (25%)
- Yellow (31%)
- Blue (38%)



- Cyan (35%)
- Magenta (2%)
- Yellow (0%)
- Black (62%)



- Cyan (75%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.6600, 5.5906, -19.8728 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 85.6600, 5.5906, -19.8728 by changing the saturation by 10% instead.

85.6600, 5.5906,
-19.8728

85.6600, 5.5906,
-19.8728

255.0000, 0.0000,
0.0000

61.9590, 5.4432,
-19.2580

136.0620, 5.8854,
-21.1024

39.3610, 5.7380,
-20.4876

162.0620, 5.8854,
-21.1024

19.8560, 5.0010,
-17.4137

189.0620, 5.8854,
-21.1024

0.4560, 1.7472,
-0.3999

216.8770, 6.4696,
-21.8171

0.0000, 0.0000,
0.0000

244.5350, 5.1592,
-21.5172

253.2060, 0.8844,

-3.6887

■ 85.6600, 5.5906,
-19.8728

■ 85.6600, 5.5906,
-19.8728

■ 82.0830, 7.3541,
-25.5058

■ 89.2370, 3.8272,
-14.2398

■ 79.3920, 8.6807,
-31.0388

■ 91.9280, 2.5005,
-8.7069

■ 75.8150, 10.4442,
-36.6718

■ 95.5050, 0.7370,
-3.0739

■ 72.8250, 11.9183,
-42.8195

■ 98.4950, -0.7370,
3.0739

■ 69.5470, 13.5343,
-47.8377

■ 102.0720, -2.5005,
8.7069

■ 66.5570, 15.0084,
-53.9855

■ 104.7630, -3.8272,
14.2398

■ 64.4750, 16.0348,
-56.5446

■ 108.3400, -5.5906,
19.8728

■ 111.9170, -7.3541,
25.5058

■ 114.6080, -8.6807,
31.0388

Harmonies

Analogous

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



86.0150, 0.4856, -15.7992



85.6600, 5.5906, -19.8728



86.8820, 8.9322, -18.3135

Triad

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



85.6600, 5.5906, -19.8728



91.3090, 4.7777, 7.6220



89.2370, -9.4838, 8.5622

Complementary

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



85.6600, 5.5906, -19.8728



74.3400, -5.5906, 19.8728

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.



90.3240, -8.0477, 14.6249



85.6600, 5.5906, -19.8728



91.5010, 0.2460, 14.4696

Square

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



85.6600, 5.5906, -19.8728



90.4650, 8.1518, -1.2848



90.9590, -4.4168, 16.6990



88.2360, -8.0043, 0.6700

Rectangle

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



85.6600, 5.5906, -19.8728



87.8440, 9.9369, -13.8952



90.9590, -4.4168, 16.6990



89.6610, -9.1999, 10.8213

Sweetspot

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



85.6600, 5.5906, -19.8728



120.2270, 2.3531, -8.0921



83.1860, -8.9657, -17.7031



60.7220, 1.6161, -5.0182



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



85.6600, 5.5906, -19.8728



107.3920, 8.6807, -31.0388



75.6810, 10.5103, -11.1212



46.8040, 0.5896, -2.4591



74.9900, 18.2459, -65.7662



160.0220, 39.4292, -140.3393

Inverse Universe

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



76.8140, 8.9657, 17.7031



93.5470, 14.0273, 27.5843



84.3190, -10.5103, 11.1212



45.6520, 1.1576, 2.0592



45.5720, 29.7910, 58.2574



97.5240, 63.3387, 124.9515

Previews

White Background



This preview shows how the YUV color 85.6600, 5.5906, -19.8728 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 85.6600, 5.5906, -19.8728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

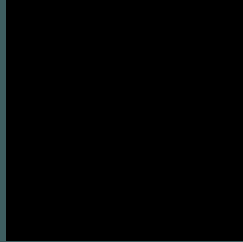
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.6600, 5.5906, -19.8728

Background



This preview shows how black text looks on a background with the YUV color 85.6600, 5.5906, -19.8728.



This preview shows how white text looks on a background with the YUV color 85.6600, 5.5906, -19.8728.

-19.8728.

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

85.6600, 5.5906, -19.8728

Protanopia

89.7550, 1.5998, 0.2149

Deuteranopia

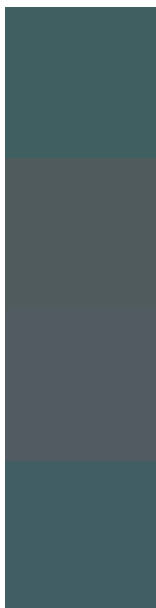
90.1620, 4.3571, 2.4889



Tritanopia

85.9420, 7.9166, -19.2431

Trichromacy



Original Color

85.6600, 5.5906, -19.8728

Protanomaly

88.0530, 2.9319, -7.0625

Deuteranomaly

88.5200, 4.6736, -5.7180

Tritanomaly

85.7140, 7.0430, -19.0432

Monochromacy



Original Color

85.6600, 5.5906, -19.8728

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.8250, 2.0583, -6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.6600, 5.5906, -19.8728 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(63, 95, 97)` looks like.

```
.text, #text, p{  
    color:rgb(63, 95, 97)  
}
```

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(63, 95, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 95, 97) }
```

Border

The CSS property to change the border of an element to YUV 85.6600, 5.5906, -19.8728 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(63, 95, 97) }
```


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

```
.border{ border-color:rgb(63, 95, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 95, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 95, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 95, 97);  
box-shadow:4px 4px 4px 4px rgb(63, 95, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.6600, 5.5906, -19.8728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 95, 97) }
```

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

```
.background{ background-color: rgb(63, 95,  
97) }
```

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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