

Converting Colors

YUV(63.8860, 16.3252, -9.5470)

Have a look what the booklet for
YUV(63.8860, 16.3252, -9.5470)
contains.

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Color

**YUV(63.8860, 16.3252,
-9.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	353F61
RGB	53, 63, 97
RGB Percent	21%, 25%, 38%
CMY	0.7922, 0.7529, 0.6196
CMYK	0.45, 0.35, 0.00, 0.62
HSL	226°, 29%, 29%
HSV	226°, 45%, 38%
XYZ	5.4034, 5.1750, 12.0233
YIQ	63.8860, -16.8740, 8.4540

Conversions

Conversions Part 2

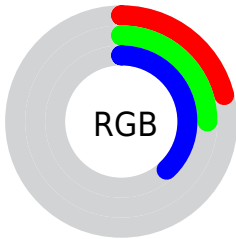
Format	Color
R_{YB}	53, 61, 97
Decimal	3489633
CIE Lab	27.23, 5.93, -21.42
CIE LCh	27, 22.227, 285.473
Yxy	5.1750, 0.2391, 0.2290
Android (android.graphics.Color)	4281679713 (0xFF353F61)
YUV	63.8860, 16.3252, -9.5470
Hunter-Lab	22.7485, 2.5884, -15.4127

Details

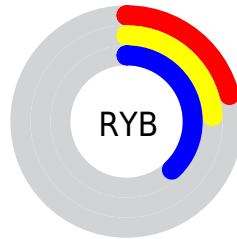
The YUV color **63.8860, 16.3252, -9.5470** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **86.1140, -16.3252, 9.5470**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.9400, 17.7776, -8.7174**, and **19.2230, 15.1731, -13.3506** is the 20% darker color. If you saturate the color by 10%, you get **56.7870, 19.8250, -12.0912**, and if you desaturate by 10%, it is **70.9850, 12.8254, -7.0028**.

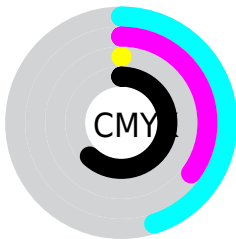
Distribution



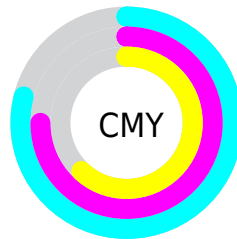
- Red (21%)
- Green (25%)
- Blue (38%)



- Red (21%)
- Yellow (24%)
- Blue (38%)



- Cyan (45%)
- Magenta (35%)
- Yellow (0%)
- Black (62%)



- Cyan (79%)
- Magenta (75%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.8860, 16.3252, -9.5470 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 63.8860, 16.3252, -9.5470 by changing the saturation by 10% instead.

■ 63.8860, 16.3252,
-9.5470

■ 63.8860, 16.3252,
-9.5470

255.0000, 0.0000,
0.0000

■ 41.0600, 15.7464,
-10.5766

■ 111.9400, 17.7776,
-8.7174

■ 19.2230, 15.1731,
-13.3506

■ 138.0540, 18.2144,
-8.8174

■ 4.4800, 12.0884,
-3.9290

■ 164.1680, 18.6512,
-8.9173

■ 0.0000, 0.0000,
0.0000

■ 191.2820, 19.0880,
-9.0173

■ 218.9400, 17.7776,
-8.7174

■ 243.7480, 5.5472,

-5.9180

■ 63.8860, 16.3252,
-9.5470

■ 63.8860, 16.3252,
-9.5470

■ 56.7870, 19.8250,
-12.0912

■ 70.9850, 12.8254,
-7.0028

■ 49.4000, 23.4668,
-13.5058

■ 78.3720, 9.1836,
-5.5882

■ 42.3010, 26.9666,
-16.0500

■ 85.4710, 5.6838,
-3.0441

■ 34.6150, 30.7558,
-18.0794

■ 93.1570, 1.8946,
-1.0147

■ 27.8150, 34.1082,
-20.0088

■ 100.2560, -1.6052,
1.5295

■ 23.9720, 36.0028,
-21.0234

■ 107.6430, -5.2470,
2.9441

■ 114.7420, -8.7468,
5.4883

■ 122.4280,
-12.5360, 7.5176

■ 129.2280,
-15.8884, 9.4470

Harmonies

Analogous

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



56.3560, 20.0375, -33.6382



63.8860, 16.3252, -9.5470



66.5140, 10.5926, 9.1962

Triad

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



63.8860, 16.3252, -9.5470



64.7660, -11.7166, 24.7612



55.9980, -0.4920, -28.9392

Complementary

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



63.8860, 16.3252, -9.5470



86.1140, -16.3252, 9.5470

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.



59.7030, -9.7136, -11.1405



63.8860, 16.3252, -9.5470



63.2720, -15.9101, 16.4245

Square

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



63.8860, 16.3252, -9.5470



65.3240, -4.5967, 27.7799



62.0100, -15.2879, 3.4992



51.1730, 10.7607, -44.8787

Rectangle

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



63.8860, 16.3252, -9.5470



66.4290, 6.1975, 18.9178



62.0100, -15.2879, 3.4992



57.5320, -3.7133, -22.3916

Sweetspot

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



63.8860, 16.3252, -9.5470



111.4000, 6.7048, -3.8588



82.7040, 2.1179, -26.0504



55.4280, 4.2260, -2.1294



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.



63.8860, 16.3252, -9.5470



74.1440, 25.0720, -15.0353



61.6040, 17.4502, 2.9783



45.0430, 1.4578, -0.9147



28.0300, 41.3972, -24.5823



59.0580, 89.2044, -51.7939

Inverse Universe

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



67.2960, -2.1179, 26.0504



79.1560, -3.0349, 40.2052



88.3960, -17.4502, -2.9783



45.3100, -0.1528, 2.3591



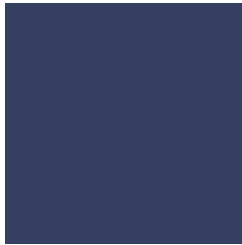
36.3380, -5.5896, 66.3556



77.9160, -11.7906, 142.1477

Previews

White Background



This preview shows how the YUV color 63.8860, 16.3252, -9.5470 looks on a white background.

Color Contrast Check

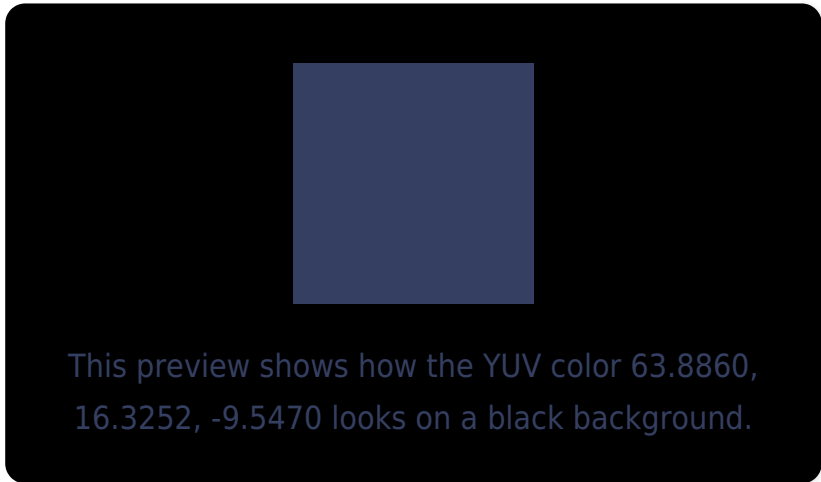
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

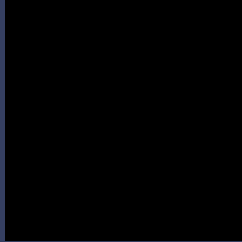
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.8860, 16.3252, -9.5470

Background



This preview shows how black text looks on a background with the YUV color 63.8860, 16.3252, -9.5470.



This preview shows how white text looks on a background with the YUV color 63.8860, 16.3252,

-9.5470.

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

63.8860, 16.3252, -9.5470

Protanopia

63.5870, 16.4726, -10.1618

Deuteranopia

63.2770, 16.6254, -12.5209



Tritanopia

61.9920, 5.4269, -14.0250

Trichromacy



Original Color

63.8860, 16.3252, -9.5470

Protanomaly

63.5870, 16.4726, -10.1618

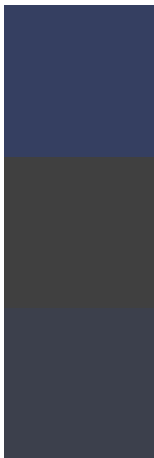
Deuteranomaly

63.5760, 16.4780, -11.9062

Tritanomaly

62.7410, 9.4947, -12.0509

Monochromacy



Original Color

63.8860, 16.3252, -9.5470

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1720, 5.8312, -3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.8860, 16.3252, -9.5470 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(53, 63, 97)` looks like.

```
.text, #text, p{  
    color:rgb(53, 63, 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(53, 63, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 63, 97) }
```

Border

The CSS property to change the border of an element to YUV 63.8860, 16.3252, -9.5470 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(53, 63, 97) }
```


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

```
.border{ border-color:rgb(53, 63, 97) }
```

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

Here you see how a box with a 4 pixel rgb(53, 63, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 63, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 63, 97);  
box-shadow:4px 4px 4px 4px rgb(53, 63, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.8860, 16.3252, -9.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 63, 97) }
```

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

```
.background{ background-color: rgb(53, 63,  
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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