

Converting Colors

YUV(64.1440, 8.3100, -5.3883)

Have a look what the booklet for
YUV(64.1440, 8.3100, -5.3883)
contains.

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Color

**YUV(64.1440, 8.3100,
-5.3883)**

Conversions

Conversions Part 1

Format	Color
Hex	3A4051
RGB	58, 64, 81
RGB Percent	23%, 25%, 32%
CMY	0.7725, 0.7490, 0.6824
CMYK	0.28, 0.21, 0.00, 0.68
HSL	224°, 17%, 27%
HSV	224°, 28%, 32%
XYZ	5.0635, 5.1604, 8.5138
YIQ	64.1440, -9.0330, 4.0150

Conversions

Conversions Part 2

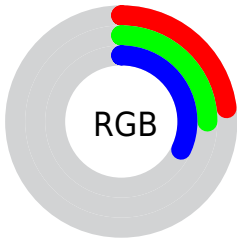
Format	Color
R_{YB}	58, 63, 81
Decimal	3817553
CIE Lab	27.19, 1.99, -11.06
CIE LCh	27, 11.240, 280.180
Yxy	5.1604, 0.2702, 0.2754
Android (android.graphics.Color)	4282007633 (0xFF3A4051)
YUV	64.1440, 8.3100, -5.3883
Hunter-Lab	22.7165, 0.0337, -6.3193

Details

The YUV color **64.1440, 8.3100, -5.3883** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **74.8560, -8.3100, 5.3883**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.2580, 8.7468, -5.4883**, and **21.5030, 7.1470, -5.7031** is the 20% darker color. If you saturate the color by 10%, you get **58.2300, 11.2256, -7.2177**, and if you desaturate by 10%, it is **70.0580, 5.3944, -3.5589**.

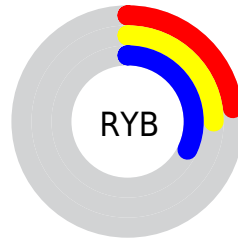
Distribution



Red (23%)

Green (25%)

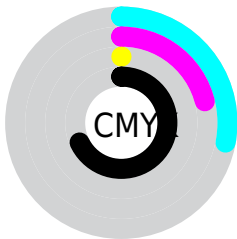
Blue (32%)



Red (23%)

Yellow (25%)

Blue (32%)

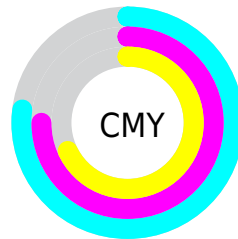


Cyan (28%)

Magenta (21%)

Yellow (0%)

Black (68%)



Cyan (77%)

Magenta (75%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.1440, 8.3100, -5.3883 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 64.1440, 8.3100, -5.3883 by changing the saturation by 10% instead.

■ 64.1440, 8.3100,
-5.3883

■ 64.1440, 8.3100,
-5.3883

■ 255.0000, 0.0000,
0.0000

■ 42.0300, 7.8732,
-5.2883

■ 112.2580, 8.7468,
-5.4883

■ 21.5030, 7.1470,
-5.7031

■ 137.3720, 9.1836,
-5.5882

■ 2.2970, 6.2626,
-2.0145

■ 163.4860, 9.6204,
-5.6882

■ 0.0000, 0.0000,
0.0000

■ 190.6000, 10.0572,
-5.7882

■ 218.6000, 10.0572,
-5.7882

■ 245.8190, 4.5262,

-5.1033

■ 64.1440, 8.3100,
-5.3883

■ 64.1440, 8.3100,
-5.3883

■ 58.2300, 11.2256,
-7.2177

■ 70.0580, 5.3944,
-3.5589

■ 52.3160, 14.1412,
-9.0471

■ 75.9720, 2.4788,
-1.7294

■ 46.4020, 17.0568,
-10.8766

■ 81.8860, -0.4368,
0.1000

■ 40.4880, 19.9724,
-12.7060

■ 87.8000, -3.3524,
1.9294

■ 34.2750, 23.0354,
-15.1502

■ 94.0130, -6.4154,
4.3736

■ 28.3610, 25.9510,
-16.9796

■ 99.9270, -9.3310,
6.2030

■ 22.4470, 28.8666,
-18.8090

■ 105.8410,
-12.2466, 8.0324

■ 21.5610, 29.3034,
-18.9090

■ 111.7550,
-15.1622, 9.8619

■ 117.6690,
-18.0778, 11.6913

Harmonies

Analogous

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



62.5020, 8.6265, -13.5953



64.1440, 8.3100, -5.3883



65.2160, 5.8095, 3.3186

Triad

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



64.1440, 8.3100, -5.3883



65.0080, -5.4269, 14.0250



61.4670, -1.7092, -11.8106

Complementary

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



64.1440, 8.3100, -5.3883



74.8560, -8.3100, 5.3883

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.



62.4850, -5.6621, -3.9333



64.1440, 8.3100, -5.3883



64.5900, -8.1789, 10.0066

Square

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



64.1440, 8.3100, -5.3883



65.6320, -1.7906, 14.3547



63.8450, -8.3046, 3.6439



60.4000, 3.2538, -17.0138

Rectangle

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



64.1440, 8.3100, -5.3883



65.3800, 3.7567, 8.4367



63.8450, -8.3046, 3.6439



61.7340, -3.3199, -8.5367

Sweetspot

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



64.1440, 8.3100, -5.3883



97.9010, 3.4998, -2.5442



73.4390, 0.7696, -13.5400



49.2710, 2.3314, -1.1147



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



64.1440, 8.3100, -5.3883



78.3870, 13.1202, -8.2324



62.1170, 9.3093, 0.7744



38.0430, 1.4578, -0.9147



27.8190, 38.0502, -24.3973



62.2550, 83.6843, -54.5976

Inverse Universe

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



65.5610, -0.7696, 13.5400



80.7900, -1.3755, 21.2322



76.8830, -9.3093, -0.7744



38.3100, -0.1528, 2.3591



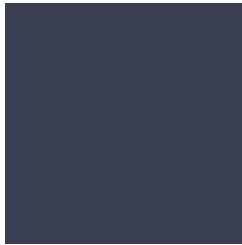
34.4730, -3.6842, 61.8522



76.3220, -7.5537, 136.5296

Previews

White Background



This preview shows how the YUV color 64.1440, 8.3100, -5.3883 looks on a white background.

Color Contrast Check

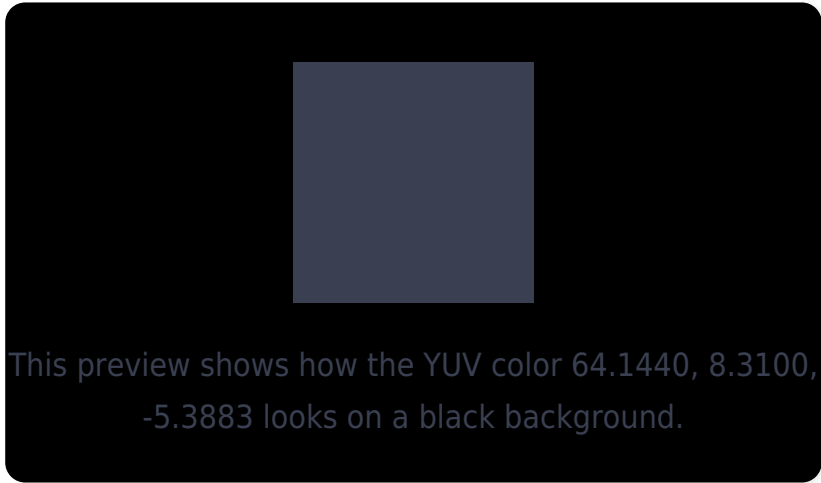
Large Text (above 18pt) WCAG AA ✓ Pass

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

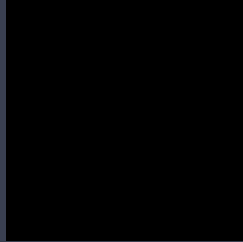
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

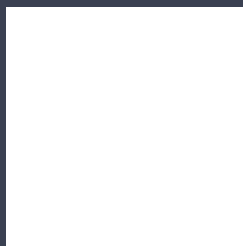
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 64.1440, 8.3100, -5.3883

Background



This preview shows how black text looks on a background with the YUV color 64.1440, 8.3100, -5.3883.



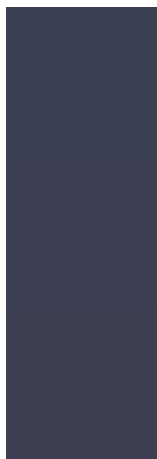
This preview shows how white text looks on a background with the YUV color 64.1440, 8.3100,

-5.3883.

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

64.1440, 8.3100, -5.3883

Protanopia

64.1550, 8.3046, -3.6439

Deuteranopia

64.7530, 8.0098, -2.4144



Tritanopia

63.5800, 3.6581, -6.6477

Trichromacy



Original Color

64.1440, 8.3100, -5.3883

Protanomaly

63.8560, 8.4520, -4.2587

Deuteranomaly

64.4540, 8.1572, -3.0292

Tritanomaly

63.7480, 5.5472, -5.9180

Monochromacy



Original Color

64.1440, 8.3100, -5.3883

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0860, 2.9156, -1.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.1440, 8.3100, -5.3883 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(58, 64, 81)` looks like.

```
.text, #text, p{  
    color:rgb(58, 64, 81)  
}
```

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(58, 64, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 64, 81) }
```

Border

The CSS property to change the border of an element to YUV 64.1440, 8.3100, -5.3883 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(58, 64, 81) }
```


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

```
.border{ border-color:rgb(58, 64, 81) }
```

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

Here you see how a box with a 4 pixel rgb(58, 64, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 64, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 64, 81);  
box-shadow:4px 4px 4px 4px rgb(58, 64, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.1440, 8.3100, -5.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 64, 81) }
```

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

```
.background{ background-color: rgb(58, 64,  
81) }
```

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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