

Converting Colors

YUV(66.8840, 5.9732, -2.5293)

Have a look what the booklet for
YUV(66.8840, 5.9732, -2.5293)
contains.

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Color

**YUV(66.8840, 5.9732,
-2.5293)**

Conversions

Conversions Part 1

Format	Color
Hex	40424F
RGB	64, 66, 79
RGB Percent	25%, 26%, 31%
CMY	0.7490, 0.7412, 0.6902
CMYK	0.19, 0.16, 0.00, 0.69
HSL	232°, 10%, 28%
HSV	232°, 19%, 31%
XYZ	5.4739, 5.5509, 8.1801
YIQ	66.8840, -5.3650, 3.6190

Conversions

Conversions Part 2

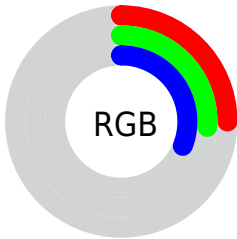
Format	Color
R _{YB}	64, 66, 79
Decimal	4211279
CIE Lab	28.25, 2.36, -8.10
CIE LCh	28, 8.433, 286.216
Yxy	5.5509, 0.2850, 0.2890
Android (android.graphics.Color)	4282401359 (0xFF40424F)
YUV	66.8840, 5.9732, -2.5293
Hunter-Lab	23.5604, 0.2406, -4.0929

Details

The YUV color **66.8840, 5.9732, -2.5293** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **76.1160, -5.9732, 2.5293**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.9980, 6.4100, -2.6292**, and **23.7700, 5.5364, -2.4293** is the 20% darker color. If you saturate the color by 10%, you get **60.3830, 9.1782, -3.8439**, and if you desaturate by 10%, it is **73.3850, 2.7682, -1.2146**.

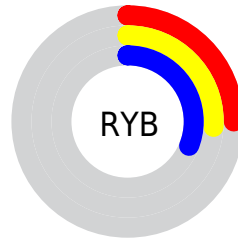
Distribution



Red (25%)

Green (26%)

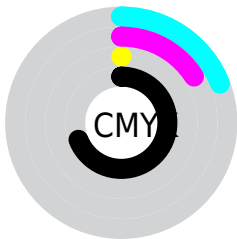
Blue (31%)



Red (25%)

Yellow (26%)

Blue (31%)

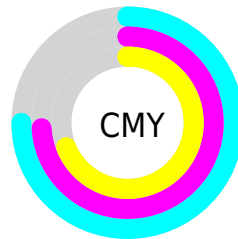


Cyan (19%)

Magenta (16%)

Yellow (0%)

Black (69%)



Cyan (75%)

Magenta (74%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.8840, 5.9732, -2.5293 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 66.8840, 5.9732, -2.5293 by changing the saturation by 10% instead.

■ 66.8840, 5.9732,
-2.5293

■ 66.8840, 5.9732,
-2.5293

■ 255.0000, 0.0000,
0.0000

■ 44.7700, 5.5364,
-2.4293

■ 114.9980, 6.4100,
-2.6292

■ 23.7700, 5.5364,
-2.4293

■ 140.1120, 6.8468,
-2.7292

■ 1.3680, 5.2416,
-1.1997

■ 167.1120, 6.8468,
-2.7292

■ 0.0000, 0.0000,
0.0000

■ 194.1120, 6.8468,
-2.7292

■ 222.2260, 7.2836,
-2.8292

■ 249.0860, 2.9156,

-1.8294

■ 66.8840, 5.9732,
-2.5293

■ 66.8840, 5.9732,
-2.5293

■ 60.3830, 9.1782,
-3.8439

■ 73.3850, 2.7682,
-1.2146

■ 53.8820, 12.3832,
-5.1585

■ 79.8860, -0.4368,
0.1000

■ 47.3810, 15.5882,
-6.4731

■ 86.3870, -3.6418,
1.4146

■ 41.4670, 18.5038,
-8.3026

■ 92.3010, -6.5574,
3.2440

■ 34.9660, 21.7088,
-9.6172

■ 98.8020, -9.7624,
4.5586

■ 28.7640, 24.7663,
-10.3170

■ 105.0040,
-12.8200, 5.2585

■ 22.2630, 27.9713,
-11.6317

■ 111.5050,
-16.0250, 6.5731

■ 15.7620, 31.1763,
-12.9463

■ 118.0060,
-19.2300, 7.8877

■ 15.4630, 31.3237,
-13.5611

■ 124.5070,
-22.4350, 9.2024

Harmonies

Analogous

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



65.6660, 6.5737, -8.4771



66.8840, 5.9732, -2.5293



67.7600, 4.0623, 3.7185

Triad

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



66.8840, 5.9732, -2.5293



67.2140, -4.5425, 10.3363



64.4180, -0.6991, -9.1366

Complementary

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



66.8840, 5.9732, -2.5293



76.1160, -5.9732, 2.5293

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.



65.3540, -3.6255, -3.8185



66.8840, 5.9732, -2.5293



66.7360, -6.2788, 7.2475

Square

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



66.8840, 5.9732, -2.5293



67.4960, -2.2165, 10.9660



65.8170, -5.8258, 1.9145



64.0200, 2.9481, -12.2955

Rectangle

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



66.8840, 5.9732, -2.5293



67.9130, 2.0149, 7.0923



65.8170, -5.8258, 1.9145



64.7880, -1.8675, -7.7071

Sweetspot

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



66.8840, 5.9732, -2.5293



97.2710, 2.3314, -1.1147



74.2870, 1.3375, -9.0217



48.0430, 1.4578, -0.9147



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



66.8840, 5.9732, -2.5293



83.3830, 9.1782, -3.8439



67.5040, 5.6675, 2.1890



35.0430, 1.4578, -0.9147



19.8460, 40.5019, -17.4049



44.4170, 91.4924, -38.9537

Inverse Universe

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



68.7130, -1.3375, 9.0217



86.2190, -2.0800, 13.8399



75.7950, -5.8149, -1.5742



35.3100, -0.1528, 2.3591



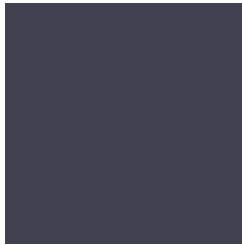
32.0940, -8.9203, 61.3076



72.3040, -20.3629, 138.2994

Previews

White Background



This preview shows how the YUV color 66.8840, 5.9732, -2.5293 looks on a white background.

Color Contrast Check

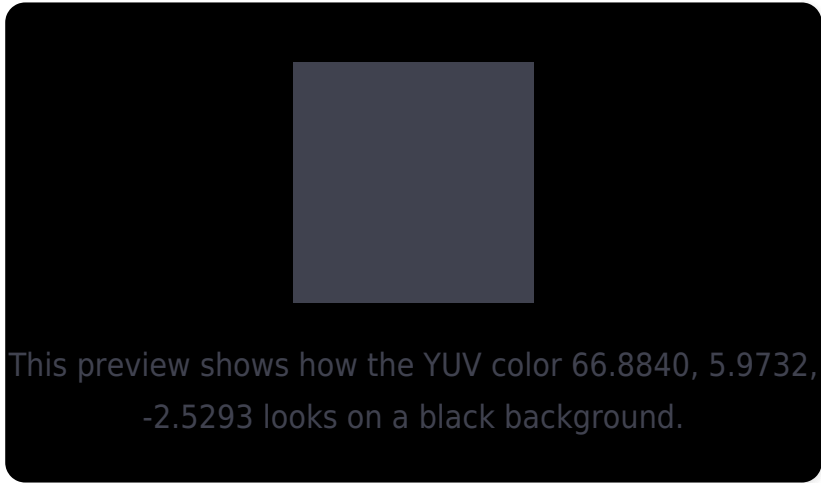
Large Text (above 18pt) WCAG AA ✓ Pass

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

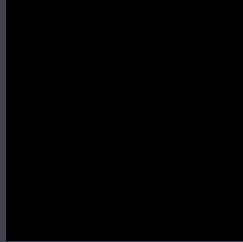
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

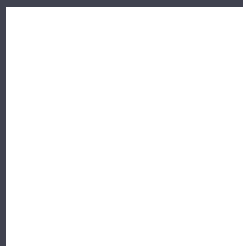
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 66.8840, 5.9732, -2.5293

Background



This preview shows how black text looks on a background with the YUV color 66.8840, 5.9732, -2.5293.



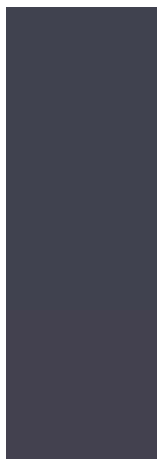
This preview shows how white text looks on a background with the YUV color 66.8840, 5.9732, -2.5293.

-2.5293.

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

66.8840, 5.9732, -2.5293

Protanopia

66.8840, 5.9732, -2.5293

Deuteranopia

67.1940, 5.8204, -0.1701



Tritanopia

66.3740, 2.7736, -2.9590

Trichromacy



Original Color

66.8840, 5.9732, -2.5293

Protanomaly

66.8840, 5.9732, -2.5293

Deuteranomaly

66.8950, 5.9678, -0.7849

Tritanomaly

66.7160, 4.0840, -3.2589

Monochromacy



Original Color

66.8840, 5.9732, -2.5293

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.1570, 1.8946, -1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.8840, 5.9732, -2.5293 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(64, 66, 79)` looks like.

```
.text, #text, p{  
    color:rgb(64, 66, 79)  
}
```

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(64, 66, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 66, 79) }
```

Border

The CSS property to change the border of an element to YUV 66.8840, 5.9732, -2.5293 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(64, 66, 79) }
```


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

```
.border{ border-color:rgb(64, 66, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 66, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 66, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 66, 79);  
box-shadow:4px 4px 4px 4px rgb(64, 66, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.8840, 5.9732, -2.5293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 66, 79) }
```

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

```
.background{ background-color: rgb(64, 66,  
79) }
```

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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