

Converting Colors

YUV(64.0680, 6.8685, -9.7066)

Have a look what the booklet for
YUV(64.0680, 6.8685, -9.7066)
contains.

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Color

**YUV(64.0680, 6.8685,
-9.7066)**

Conversions

Conversions Part 1

Format	Color
Hex	35434E
RGB	53, 67, 78
RGB Percent	21%, 26%, 31%
CMY	0.7922, 0.7373, 0.6941
CMYK	0.32, 0.14, 0.00, 0.69
HSL	206°, 19%, 26%
HSV	206°, 32%, 31%
XYZ	4.8505, 5.3213, 7.9792
YIQ	64.0680, -11.8750, 0.4530

Conversions

Conversions Part 2

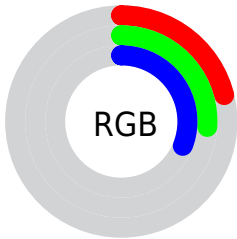
Format	Color
R_{YB}	53, 62, 78
Decimal	3490638
CIE _{Lab}	27.63, -2.60, -8.47
CIE _{LCh}	28, 8.860, 252.908
Yxy	5.3213, 0.2672, 0.2932
Android (android.graphics.Color)	4281680718 (0xFF35434E)
YUV	64.0680, 6.8685, -9.7066
Hunter-Lab	23.0678, -2.8353, -4.3610

Details

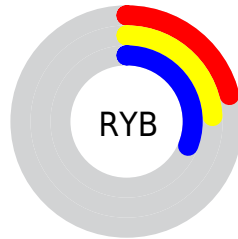
The YUV color **64.0680, 6.8685, -9.7066** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **66.9320, -6.8685, 9.7066**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.8830, 7.4527, -10.4214**, and **20.9540, 6.4317, -9.6067** is the 20% darker color. If you saturate the color by 10%, you get **59.9150, 8.9159, -13.0805**, and if you desaturate by 10%, it is **68.2210, 4.8210, -6.3328**.

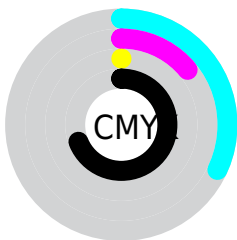
Distribution



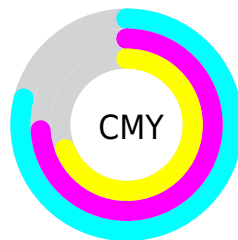
- Red (21%)
- Green (26%)
- Blue (31%)



- Red (21%)
- Yellow (24%)
- Blue (31%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)
- Black (69%)



- Cyan (79%)
- Magenta (74%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.0680, 6.8685, -9.7066 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 64.0680, 6.8685, -9.7066 by changing the saturation by 10% instead.

■ 64.0680, 6.8685,
-9.7066

■ 64.0680, 6.8685,
-9.7066

■ 255.0000, 0.0000,
0.0000

■ 41.9540, 6.4317,
-9.6067

■ 111.8830, 7.4527,
-10.4214

■ 20.9540, 6.4317,
-9.6067

■ 136.9970, 7.8895,
-10.5214

■ 1.2540, 4.8048,
-1.0998

■ 163.9970, 7.8895,
-10.5214

■ 0.0000, 0.0000,
0.0000

■ 190.6980, 8.0369,
-11.1361

■ 218.6980, 8.0369,
-11.1361

■ 245.7860, 4.5425,

-10.3363

■ 64.0680, 6.8685,
-9.7066

■ 64.0680, 6.8685,
-9.7066

■ 59.9150, 8.9159,
-13.0805

■ 68.2210, 4.8210,
-6.3328

■ 55.1750, 11.2527,
-15.9395

■ 72.9610, 2.4842,
-3.4738

■ 51.3210, 13.1527,
-18.6985

■ 76.8150, 0.5842,
-0.7148

■ 46.5810, 15.4896,
-21.5575

■ 81.5550, -1.7526,
2.1443

■ 42.4280, 17.5370,
-24.9314

■ 85.7080, -3.8000,
5.5181

■ 37.6880, 19.8738,
-27.7904

■ 90.4480, -6.1369,
8.3771

■ 34.7200, 21.3370,
-30.4494

■ 94.6010, -8.1843,
11.7509

■ 98.4550, -10.0843,
14.5100

■ 103.1950,
-12.4211, 17.3690

Harmonies

Analogous

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



63.2910, 5.2795, -13.4102



64.0680, 6.8685, -9.7066



65.2860, 6.2680, -3.7588

Triad

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



64.0680, 6.8685, -9.7066



66.4960, -2.2165, 10.9660



64.1260, -4.4991, -3.6185

Complementary

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



64.0680, 6.8685, -9.7066



66.9320, -6.8685, 9.7066

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.



64.7030, -6.2626, 2.0145



64.0680, 6.8685, -9.7066



66.1000, -4.9793, 10.4363

Square

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



64.0680, 6.8685, -9.7066



66.6960, 1.1359, 9.0366



65.0350, -6.4263, 7.8623



63.0050, -0.9885, -9.6514

Rectangle

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



64.0680, 6.8685, -9.7066



65.7920, 5.5255, 1.0594



65.0350, -6.4263, 7.8623



64.0230, -4.9413, -1.7742

Sweetspot

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



64.0680, 6.8685, -9.7066



96.6620, 2.6316, -4.0886



68.9290, -2.4300, -13.9697



47.4450, 1.7526, -2.1443



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.



64.0680, 6.8685, -9.7066



80.3600, 10.6685, -15.2247



57.0240, 10.3412, -3.5290



36.2170, 0.8790, -1.9443



45.0870, 28.0581, -39.5413



101.9430, 63.1321, -89.4040

Inverse Universe

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



62.0710, 2.4300, 13.9697



77.1690, 3.8607, 21.7768



73.9760, -10.3412, 3.5290



35.5380, 0.7208, 2.1592



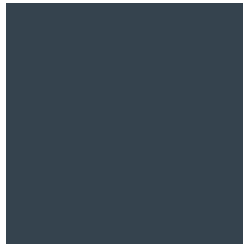
36.9960, 9.8620, 57.0085



83.4760, 22.4433, 128.5015

Previews

White Background



This preview shows how the YUV color 64.0680, 6.8685, -9.7066 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

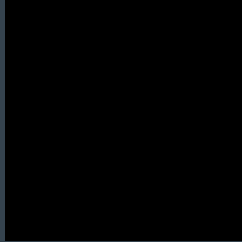
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.0680, 6.8685, -9.7066

Background



This preview shows how black text looks on a background with the YUV color 64.0680, 6.8685, -9.7066.



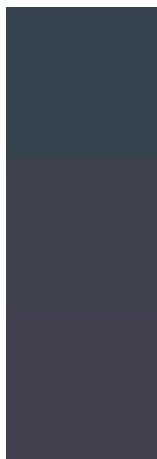
This preview shows how white text looks on a background with the YUV color 64.0680, 6.8685, -9.7066.

-9.7066.

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

64.0680, 6.8685, -9.7066

Protanopia

65.6560, 5.0996, -2.3293

Deuteranopia

66.0090, 6.4046, -0.8849



Tritanopia

63.7860, 4.5425, -10.3363

Trichromacy



Original Color

64.0680, 6.8685, -9.7066

Protanomaly

65.1610, 5.8366, -5.4032

Deuteranomaly

65.4000, 6.7048, -3.8588

Tritanomaly

64.0140, 5.4161, -10.5363

Monochromacy



Original Color

64.0680, 6.8685, -9.7066

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9610, 2.4842, -3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.0680, 6.8685, -9.7066 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, 67, 78)` looks like.

```
.text, #text, p{  
    color:rgb(53, 67, 78)  
}
```

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, 67, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 67, 78) }
```

Border

The CSS property to change the border of an element to YUV 64.0680, 6.8685, -9.7066 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, 67, 78) }
```


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

```
.border{ border-color:rgb(53, 67, 78) }
```

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

Here you see how a box with a 4 pixel rgb(53, 67, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 67, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 67, 78);  
box-shadow:4px 4px 4px 4px rgb(53, 67, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.0680, 6.8685, -9.7066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 67, 78) }
```

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

```
.background{ background-color: rgb(53, 67,  
78) }
```

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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