

Converting Colors

YUV(84.7760, 3.0684, -4.1886)

Have a look what the booklet for
YUV(84.7760, 3.0684, -4.1886)
contains.

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Color

**YUV(84.7760, 3.0684,
-4.1886)**

Conversions

Conversions Part 1

Format	Color
Hex	50565B
RGB	80, 86, 91
RGB Percent	31%, 34%, 36%
CMY	0.6863, 0.6627, 0.6431
CMYK	0.12, 0.05, 0.00, 0.64
HSL	207°, 6%, 34%
HSV	207°, 12%, 36%
XYZ	8.5244, 9.1164, 11.2079
YIQ	84.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

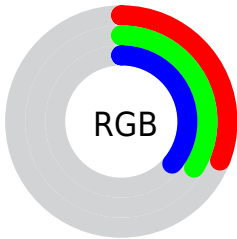
Format	Color
RYB	80, 84, 91
Decimal	5264987
CIELab	36.21, -1.22, -3.72
CIElCh	36, 3.914, 251.799
Yxy	9.1164, 0.2955, 0.3160
Android (android.graphics.Color)	4283455067 (0xFF50565B)
YUV	84.7760, 3.0684, -4.1886
Hunter-Lab	30.1933, -2.4431, -0.8733

Details

The YUV color **84.7760, 3.0684, -4.1886** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **86.2240, -3.0684, 4.1886**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.4770, 3.2158, -4.8033**, and **39.6620, 2.6316, -4.0886** is the 20% darker color. If you saturate the color by 10%, you get **79.7370, 5.5527, -7.6623**, and if you desaturate by 10%, it is **89.8150, 0.5842, -0.7148**.

Distribution



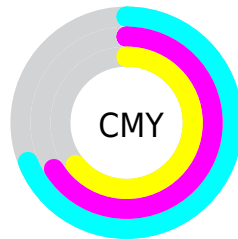
- Red (31%)
- Green (34%)
- Blue (36%)



- Red (31%)
- Yellow (33%)
- Blue (36%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (64%)



- Cyan (69%)
- Magenta (66%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.7760, 3.0684, -4.1886 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 84.7760, 3.0684, -4.1886 by changing the saturation by 10% instead.

■ 84.7760, 3.0684,
-4.1886

■ 84.7760, 3.0684,
-4.1886

■ 255.0000, 0.0000,
0.0000

■ 61.7760, 3.0684,
-4.1886

■ 134.4770, 3.2158,
-4.8033

■ 39.6620, 2.6316,
-4.0886

■ 160.4770, 3.2158,
-4.8033

■ 19.6620, 2.6316,
-4.0886

■ 187.5910, 3.6526,
-4.9033

■ 0.0000, 0.0000,
0.0000

■ 215.5910, 3.6526,
-4.9033

■ 243.5910, 3.6526,
-4.9033

■ 84.7760, 3.0684,
-4.1886

■ 84.7760, 3.0684,
-4.1886

■ 79.7370, 5.5527,
-7.6623

■ 89.8150, 0.5842,
-0.7148

■ 74.6980, 8.0369,
-11.1361

■ 94.8540, -1.9000,
2.7590

■ 69.6590, 10.5211,
-14.6099

■ 99.8930, -4.3842,
6.2328

■ 64.0330, 13.2947,
-17.5689

■ 105.5190, -7.1579,
9.1918

■ 58.9940, 15.7790,
-21.0427

■ 110.8570, -9.7895,
13.2804

■ 53.6560, 18.4106,
-25.1313

■ 115.8960,
-12.2737, 16.7542

■ 48.6170, 20.8948,
-28.6051

■ 120.9350,
-14.7580, 20.2280

■ 43.5780, 23.3790,

■ 125.9740,

-32.0789

-17.2422, 23.7018

■ 39.7240, 25.2791,
-34.8379

■ 131.0130,
-19.7264, 27.1756

Harmonies

Analogous

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



84.5370, 2.2003, -5.7329



84.7760, 3.0684, -4.1886



85.3850, 2.7682, -1.2146

Triad

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



84.7760, 3.0684, -4.1886



85.8050, -0.8899, 5.4330



84.4190, -2.1786, -1.2445

Complementary

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



84.7760, 3.0684, -4.1886



86.2240, -3.0684, 4.1886

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.



84.9140, -2.9156, 1.8294



84.7760, 3.0684, -4.1886



85.4630, -2.2003, 5.7329

Square

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



84.7760, 3.0684, -4.1886



85.5490, 0.7153, 3.9035



85.2240, -3.0684, 4.1886



84.4510, -0.7153, -3.9035

Rectangle

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



84.7760, 3.0684, -4.1886



85.2820, 2.3260, 0.6297



85.2240, -3.0684, 4.1886



84.7180, -2.3260, -0.6297

Sweetspot

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



84.7760, 3.0684, -4.1886



114.6300, 1.1684, -1.4295



87.0270, -0.9993, -6.1627



56.9290, 1.0210, -0.8147



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



84.7760, 3.0684, -4.1886



107.2210, 4.8210, -6.3328



81.8410, 4.5154, -1.6146



43.3310, 1.3158, -2.0443



47.7600, 30.6843, -41.8855



102.7410, 66.1897, -90.1039

Inverse Universe

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



83.9730, 0.9993, 6.1627



106.1090, 1.4253, 9.5514



89.1590, -4.5154, 1.6146



42.8370, 0.5734, 2.7740



39.7300, 9.9931, 61.6268



85.5690, 21.4115, 132.8050

Previews

White Background



This preview shows how the YUV color 84.7760, 3.0684, -4.1886 looks on a white background.

Color Contrast Check

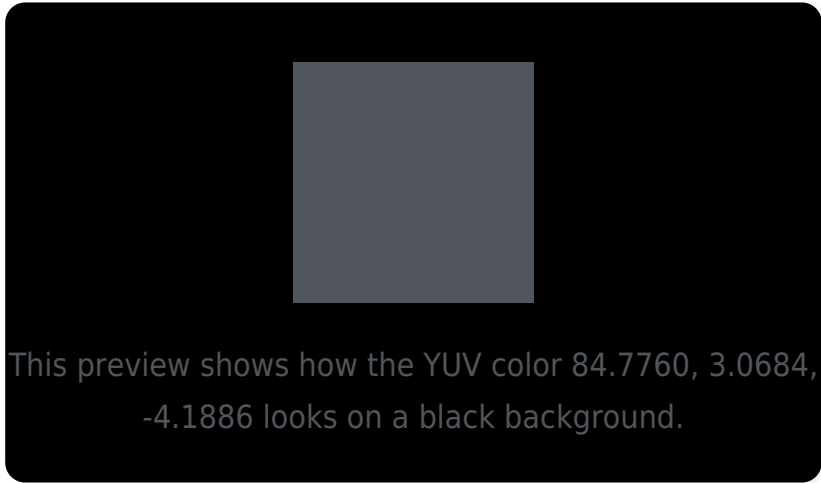
Large Text (above 18pt) WCAG AA ✓ Pass

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

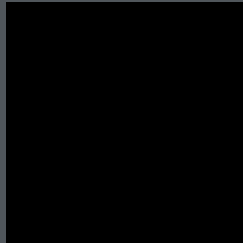
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

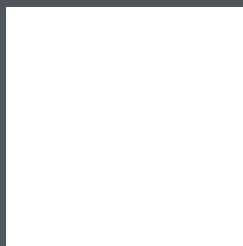
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 84.7760, 3.0684, -4.1886

Background



This preview shows how black text looks on a background with the YUV color 84.7760, 3.0684, -4.1886.



This preview shows how white text looks on a background with the YUV color 84.7760, 3.0684, -4.1886.

-4.1886.

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

84.7760, 3.0684, -4.1886

Protanopia

85.5700, 2.1840, -0.4999

Deuteranopia

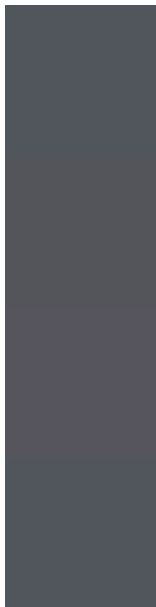
86.1190, 2.8993, 3.4036



Tritanopia

85.0040, 3.9420, -4.3885

Trichromacy



Original Color

84.7760, 3.0684, -4.1886

Protanomaly

84.9720, 2.4788, -1.7294

Deuteranomaly

85.5100, 3.1996, 0.4297

Tritanomaly

84.8900, 3.5052, -4.2885

Monochromacy



Original Color

84.7760, 3.0684, -4.1886

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.6300, 1.1684, -1.4295

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7760, 3.0684, -4.1886 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(80, 86, 91)` looks like.

```
.text, #text, p{  
    color:rgb(80, 86, 91)  
}
```

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(80, 86, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 86, 91) }
```

Border

The CSS property to change the border of an element to YUV 84.7760, 3.0684, -4.1886 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(80, 86, 91) }
```


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

```
.border{ border-color:rgb(80, 86, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 86, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 86, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 86, 91);  
box-shadow:4px 4px 4px 4px rgb(80, 86, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.7760, 3.0684, -4.1886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 86, 91) }
```

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

```
.background{ background-color: rgb(80, 86,  
91) }
```

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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