

Converting Colors

YUV(50.7760, 3.0684, -4.1886)

Have a look what the booklet for
YUV(50.7760, 3.0684, -4.1886)
contains.

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Color

**YUV(50.7760, 3.0684,
-4.1886)**

Conversions

Conversions Part 1

Format	Color
Hex	2E3439
RGB	46, 52, 57
RGB Percent	18%, 20%, 22%
CMY	0.8196, 0.7961, 0.7765
CMYK	0.19, 0.09, 0.00, 0.78
HSL	207°, 11%, 20%
HSV	207°, 19%, 22%
XYZ	3.0932, 3.3322, 4.3510
YIQ	50.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

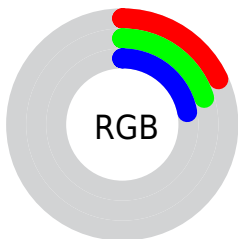
Format	Color
RYB	46, 50, 57
Decimal	3028025
CIELab	21.33, -1.26, -4.02
CIElCh	21, 4.211, 252.558
Yxy	3.3322, 0.2870, 0.3092
Android (android.graphics.Color)	4281218105 (0xFF2E3439)
YUV	50.7760, 3.0684, -4.1886
Hunter-Lab	18.2544, -1.6982, -1.3541

Details

The YUV color **50.7760, 3.0684, -4.1886** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **52.2240, -3.0684, 4.1886**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.8900, 3.5052, -4.2885**, and **5.1180, 4.3788, -4.4885** is the 20% darker color. If you saturate the color by 10%, you get **47.2210, 4.8210, -6.3328**, and if you desaturate by 10%, it is **54.3310, 1.3158, -2.0443**.

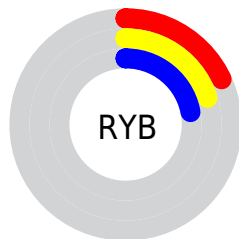
Distribution



Red (18%)

Green (20%)

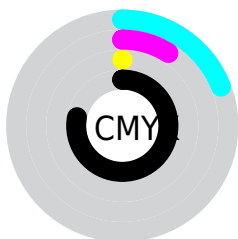
Blue (22%)



Red (18%)

Yellow (20%)

Blue (22%)

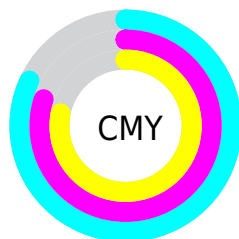


Cyan (19%)

Magenta (9%)

Yellow (0%)

Black (78%)



Cyan (82%)

Magenta (80%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.7760, 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 50.7760, 3.0684, -4.1886 by changing the saturation by 10% instead.

■ 50.7760, 3.0684,
-4.1886

■ 50.7760, 3.0684,
-4.1886

■ 255.0000, 0.0000,
0.0000

■ 29.7760, 3.0684,
-4.1886

■ 96.8900, 3.5052,
-4.2885

■ 5.1180, 4.3788,
-4.4885

■ 121.8900, 3.5052,
-4.2885

■ 0.0000, 0.0000,
0.0000

■ 147.5910, 3.6526,
-4.9033

■ 174.5910, 3.6526,
-4.9033

■ 201.5910, 3.6526,
-4.9033

■ 229.7050, 4.0894,

-5.0033

254.1030, 0.4422,
-1.8443

■ 50.7760, 3.0684,
-4.1886

■ 50.7760, 3.0684,
-4.1886

■ 47.2210, 4.8210,
-6.3328

■ 54.3310, 1.3158,
-2.0443

■ 44.5520, 6.1369,
-8.3771

■ 57.0000, 0.0000,
0.0000

■ 40.9970, 7.8895,
-10.5214

■ 60.5550, -1.7526,
2.1443

■ 38.0290, 9.3527,
-13.1804

■ 63.5230, -3.2158,
4.8033

■ 34.4740, 11.1053,
-15.3247

■ 66.7790, -4.8210,
6.3328

■ 31.2180, 12.7105,
-16.8542

■ 70.3340, -6.5737,
8.4771

■ 28.2500, 14.1738,
-19.5132

■ 73.3020, -8.0369,
11.1361

■ 24.6950, 15.9264,
-21.6575

■ 76.8570, -9.7895,
13.2804

■ 79.5260, -11.1053,
15.3247

Harmonies

Analogous

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



50.5370, 2.2003, -5.7329



50.7760, 3.0684, -4.1886



51.3850, 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.



50.7760, 3.0684, -4.1886



51.8050, -0.8899, 5.4330



50.5330, -1.7418, -1.3444

Complementary

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



50.7760, 3.0684, -4.1886



52.2240, -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.



50.6150, -2.7682, 1.2146



50.7760, 3.0684, -4.1886



52.0500, -2.4896, 5.2182

Square

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



50.7760, 3.0684, -4.1886



51.5490, 0.7153, 3.9035



51.2240, -3.0684, 4.1886



50.4510, -0.7153, -3.9035

Rectangle

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



50.7760, 3.0684, -4.1886



51.2820, 2.3260, 0.6297



51.2240, -3.0684, 4.1886



50.7180, -2.3260, -0.6297

Sweetspot

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



50.7760, 3.0684, -4.1886



71.6300, 1.1684, -1.4295



53.0270, -0.9993, -6.1627



36.8150, 0.5842, -0.7148



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



50.7760, 3.0684, -4.1886



64.2210, 4.8210, -6.3328



47.8410, 4.5154, -1.6146



26.5160, 0.7316, -1.3295



39.8380, 25.7159, -34.9379



95.4060, 60.9318, -83.6711

Inverse Universe

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



49.9730, 0.9993, 6.1627



63.1090, 1.4253, 9.5514



55.1590, -4.5154, 1.6146



26.1250, 0.4314, 1.6444



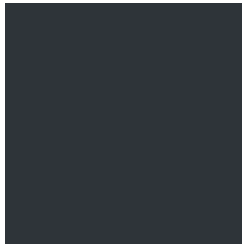
33.2080, 8.2785, 51.5606



79.1610, 20.1336, 122.6388

Previews

White Background



This preview shows how the YUV color 50.7760, 3.0684, -4.1886 looks on a white background.

Color Contrast Check

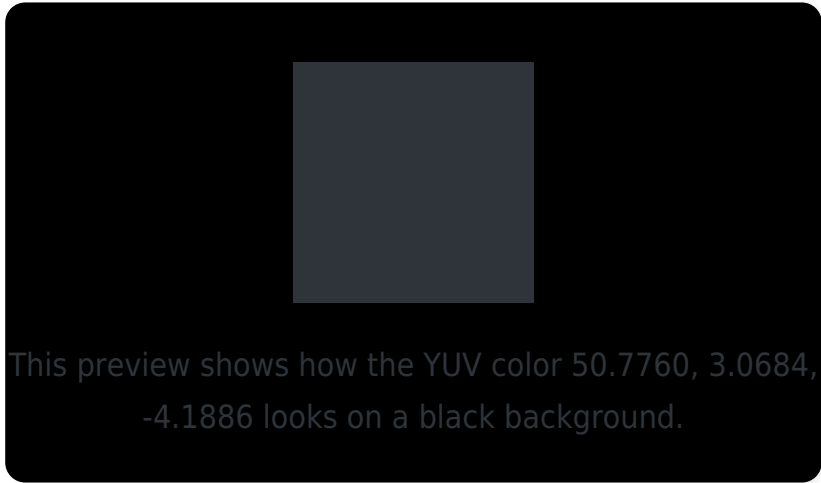
Large Text (above 18pt) WCAG AA ✓ Pass

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

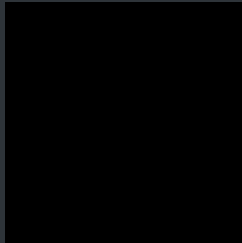
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

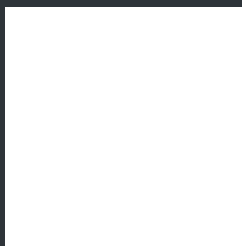
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 50.7760, 3.0684, -4.1886

Background



This preview shows how black text looks on a background with the YUV color 50.7760, 3.0684, -4.1886.



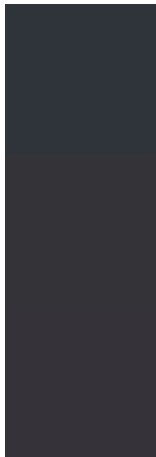
This preview shows how white text looks on a background with the YUV color 50.7760, 3.0684, -4.1886.

-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

50.7760, 3.0684, -4.1886

Protanopia

51.5700, 2.1840, -0.4999

Deuteranopia

51.6950, 2.6154, 1.1445



Tritanopia

50.6620, 2.6316, -4.0886

Trichromacy



Original Color

50.7760, 3.0684, -4.1886

Protanomaly

50.9720, 2.4788, -1.7294

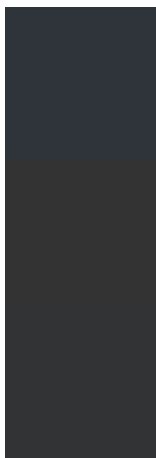
Deuteranomaly

51.3850, 2.7682, -1.2146

Tritanomaly

50.6620, 2.6316, -4.0886

Monochromacy



Original Color

50.7760, 3.0684, -4.1886

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.6300, 1.1684, -1.4295

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.7760, 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(46, 52, 57)` looks like.

```
.text, #text, p{  
    color:rgb(46, 52, 57)  
}
```

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(46, 52, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 52, 57) }
```

Border

The CSS property to change the border of an element to YUV 50.7760, 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(46, 52, 57) }
```


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

```
.border{ border-color:rgb(46, 52, 57) }
```

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

Here you see how a box with a 4 pixel rgb(46, 52, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 52, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 52, 57);  
box-shadow:4px 4px 4px 4px rgb(46, 52, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.7760, 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(46, 52, 57) }
```

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

```
.background{ background-color: rgb(46, 52,  
57) }
```

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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