

Converting Colors

YUV(23.7760, 3.0684, -4.1886)

Have a look what the booklet for
YUV(23.7760, 3.0684, -4.1886)
contains.

| | |
|--|----|
| YUV(23.7760, 3.0684, -4.1886) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(23.7760, 3.0684,
-4.1886)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 13191E |
| RGB | 19, 25, 30 |
| RGB Percent | 7%, 10%, 12% |
| CMY | 0.9255, 0.9020, 0.8824 |
| CMYK | 0.37, 0.17, 0.00, 0.88 |
| HSL | 207°, 22%, 10% |
| HSV | 207°, 37%, 12% |
| XYZ | 0.8505, 0.9274, 1.3625 |
| YIQ | 23.7760, -5.1810, 0.2830 |

Conversions

Conversions Part 2

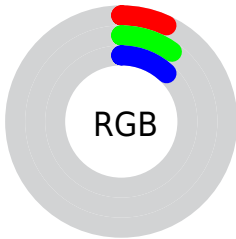
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 19, 23, 30 |
| Decimal | 1251614 |
| CIELab | 8.37, -1.25, -4.41 |
| CIElCh | 8, 4.584, 254.239 |
| Yxy | 0.9274, 0.2708, 0.2953 |
| Android (android.graphics.Color) | 4279441694 (0xFF13191E) |
| YUV | 23.7760, 3.0684, -4.1886 |
| Hunter-Lab | 9.6304, -1.0885, -1.6469 |

Details

The YUV color **23.7760, 3.0684, -4.1886** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **25.2240, -3.0684, 4.1886**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.5910, 3.6526, -4.9033**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.2920, 3.8000, -5.5181**, and if you desaturate by 10%, it is **25.2600, 2.3368, -2.8590**.

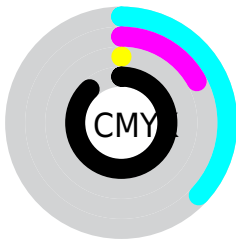
Distribution



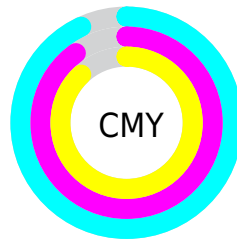
- Red (7%)
- Green (10%)
- Blue (12%)



- Red (7%)
- Yellow (9%)
- Blue (12%)



- Cyan (37%)
- Magenta (17%)
- Yellow (0%)
- Black (88%)



- Cyan (93%)
- Magenta (90%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.7760, 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 23.7760, 3.0684, -4.1886 by changing the saturation by 10% instead.

■ 23.7760, 3.0684,
-4.1886

■ 23.7760, 3.0684,
-4.1886

■ 249.0640, 2.9264,
-5.3181

■ 0.4560, 1.7472,
-0.3999

■ 66.5910, 3.6526,
-4.9033

■ 0.0000, 0.0000,
0.0000

■ 89.5910, 3.6526,
-4.9033

■ 114.5910, 3.6526,
-4.9033

■ 139.7050, 4.0894,
-5.0033

■ 166.4060, 4.2368,
-5.6181

■ 193.4060, 4.2368,

-5.6181

■ 221.4060, 4.2368,
-5.6181

■ 23.7760, 3.0684,
-4.1886

■ 23.7760, 3.0684,
-4.1886

■ 22.2920, 3.8000,
-5.5181

■ 25.2600, 2.3368,
-2.8590

■ 20.2210, 4.8210,
-6.3328

■ 27.3310, 1.3158,
-2.0443

■ 18.7370, 5.5527,
-7.6623

■ 28.8150, 0.5842,
-0.7148

■ 17.2530, 6.2843,
-8.9919

■ 30.2990, -0.1474,
0.6148

■ 15.1820, 7.3053,
-9.8066

■ 32.3700, -1.1684,
1.4295

■ 13.6980, 8.0369,
-11.1361

■ 33.8540, -1.9000,
2.7590

■ 12.8120, 8.4737,
-11.2361

■ 35.9250, -2.9210,
3.5738

■ 37.4090, -3.6526,
4.9033

■ 38.8930, -4.3842,
6.2328

Harmonies

Analogous

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



23.5370, 2.2003, -5.7329



23.7760, 3.0684, -4.1886



24.3850, 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.



23.7760, 3.0684, -4.1886



24.8050, -0.8899, 5.4330



23.5330, -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.



23.7760, 3.0684, -4.1886



25.2240, -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.



23.6150, -2.7682, 1.2146



23.7760, 3.0684, -4.1886



24.7510, -2.3422, 4.6034

Square

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



23.7760, 3.0684, -4.1886



24.5490, 0.7153, 3.9035



23.9250, -2.9210, 3.5738



23.1520, -0.5679, -4.5183

Rectangle

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



23.7760, 3.0684, -4.1886



24.2820, 2.3260, 0.6297



23.9250, -2.9210, 3.5738



23.7180, -2.3260, -0.6297

Sweetspot

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



23.7760, 3.0684, -4.1886



35.6300, 1.1684, -1.4295



26.0270, -0.9993, -6.1627



18.8150, 0.5842, -0.7148



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



23.7760, 3.0684, -4.1886



28.8080, 4.5317, -6.8476



20.8410, 4.5154, -1.6146



14.7010, 0.1474, -0.6148



34.2470, 22.0632, -30.0346



89.9290, 57.7160, -78.8677

Inverse Universe

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



22.9730, 0.9993, 6.1627



27.2230, 1.8621, 9.4514



28.1590, -4.5154, 1.6146



14.4130, 0.2894, 0.5148



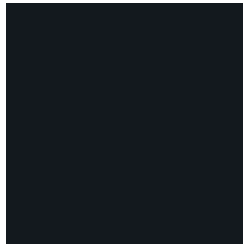
28.5230, 7.1372, 44.2683



74.7750, 18.8449, 115.9613

Previews

White Background



This preview shows how the YUV color 23.7760, 3.0684, -4.1886 looks on a white background.

Color Contrast Check

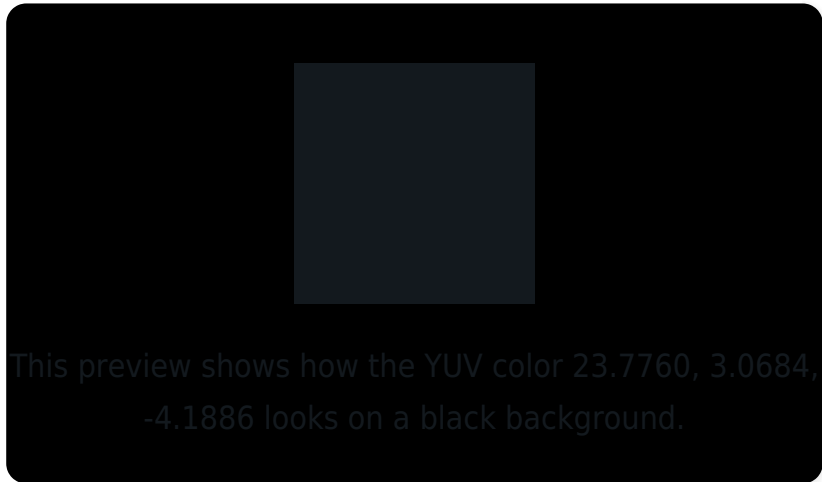
Large Text (above 18pt) WCAG AA ✓ Pass

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

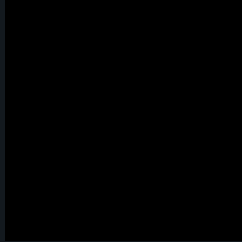
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

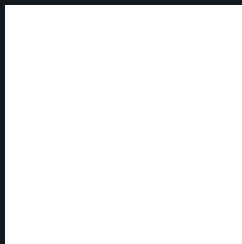
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 23.7760, 3.0684, -4.1886

Background



This preview shows how black text looks on a background with the YUV color 23.7760, 3.0684, -4.1886.



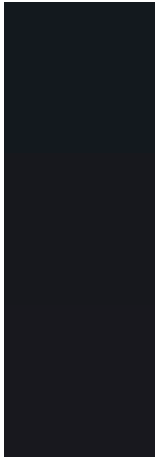
This preview shows how white text looks on a background with the YUV color 23.7760, 3.0684, -4.1886.

-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

23.7760, 3.0684, -4.1886

Protanopia

24.2710, 2.3314, -1.1147

Deuteranopia

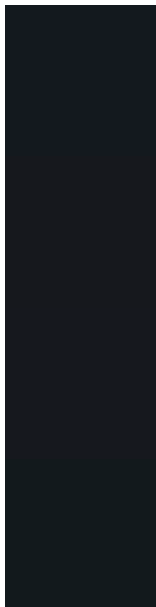
24.6840, 2.6208, -0.5999



Tritanopia

23.1350, 1.9054, -4.5034

Trichromacy



Original Color

23.7760, 3.0684, -4.1886

Protanomaly

23.9720, 2.4788, -1.7294

Deuteranomaly

24.0860, 2.9156, -1.8294

Tritanomaly

23.2490, 2.3422, -4.6034

Monochromacy



Original Color

23.7760, 3.0684, -4.1886

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.6300, 1.1684, -1.4295

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.7760, 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(19, 25, 30)` looks like.

```
.text, #text, p{  
    color:rgb(19, 25, 30)  
}
```

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(19, 25, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 25, 30) }
```

Border

The CSS property to change the border of an element to YUV 23.7760, 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(19, 25, 30) }
```


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

```
.border{ border-color:rgb(19, 25, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 25, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 25, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 25, 30);  
box-shadow:4px 4px 4px 4px rgb(19, 25, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 23.7760, 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(19, 25, 30) }
```

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

```
.background{ background-color: rgb(19, 25,  
30) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor