

Converting Colors

YUV(33.7680, 11.9464, -5.0585)

Have a look what the booklet for
YUV(33.7680, 11.9464, -5.0585)
contains.

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Color

**YUV(33.7680, 11.9464,
-5.0585)**

Conversions

Conversions Part 1

Format	Color
Hex	1C203A
RGB	28, 32, 58
RGB Percent	11%, 13%, 23%
CMY	0.8902, 0.8745, 0.7725
CMYK	0.52, 0.45, 0.00, 0.77
HSL	232°, 35%, 17%
HSV	232°, 52%, 23%
XYZ	1.7591, 1.5854, 4.2163
YIQ	33.7680, -10.7300, 7.2380

Conversions

Conversions Part 2

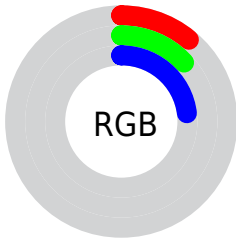
Format	Color
RYB	28, 32, 58
Decimal	1843258
CIELab	13.14, 6.65, -17.42
CIELCh	13, 18.647, 290.896
Yxy	1.5854, 0.2327, 0.2097
Android (android.graphics.Color)	4280033338 (0xFF1C203A)
YUV	33.7680, 11.9464, -5.0585
Hunter-Lab	12.5912, 2.9036, -11.0399

Details

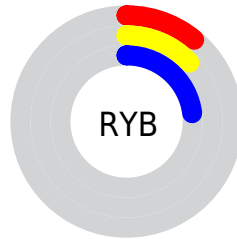
The YUV color **33.7680, 11.9464, -5.0585** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **52.2320, -11.9464, 5.0585**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.7080, 12.9620, -4.1289**, and **2.0690, 5.3890, -1.8145** is the 20% darker color. If you saturate the color by 10%, you get **29.0390, 14.2778, -6.1732**, and if you desaturate by 10%, it is **38.4970, 9.6150, -3.9439**.

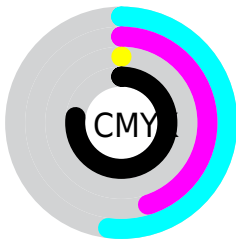
Distribution



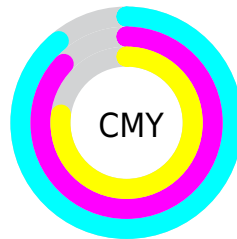
- Red (11%)
- Green (13%)
- Blue (23%)



- Red (11%)
- Yellow (13%)
- Blue (23%)



- Cyan (52%)
- Magenta (45%)
- Yellow (0%)
- Black (77%)



- Cyan (89%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.7680, 11.9464, -5.0585 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 33.7680, 11.9464, -5.0585 by changing the saturation by 10% instead.

■ 33.7680, 11.9464,
-5.0585

■ 33.7680, 11.9464,
-5.0585

■ 255.0000, 0.0000,
0.0000

■ 10.5940, 12.5252,
-4.0289

■ 78.7080, 12.9620,
-4.1289

■ 2.0690, 5.3890,
-1.8145

■ 102.9360, 13.8356,
-4.3289

■ 0.0000, 0.0000,
0.0000

■ 127.4630, 14.5617,
-3.9141

■ 153.5770, 14.9985,
-4.0140

■ 180.5770, 14.9985,
-4.0140

■ 208.1040, 15.7247,

-3.5992

235.2090, 9.7570,
-2.8143

33.7680, 11.9464,
-5.0585

33.7680, 11.9464,
-5.0585

29.0390, 14.2778,
-6.1732

38.4970, 9.6150,
-3.9439

24.3100, 16.6092,
-7.2879

43.2260, 7.2836,
-2.8292

19.8800, 18.7932,
-7.7878

47.6560, 5.0996,
-2.3293

15.1510, 21.1246,
-8.9024

52.3850, 2.7682,
-1.2146

11.3080, 23.0192,
-9.9171

57.1140, 0.4368,
-0.1000

■ 61.8430, -1.8946,
1.0147

■ 66.5720, -4.2260,
2.1294

■ 71.0020, -6.4100,
2.6292

■ 75.7310, -8.7414,
3.7439

Harmonies

Analogous

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



27.8580, 15.3530, -24.4315



33.7680, 11.9464, -5.0585



35.3030, 7.2456, 9.3813

Triad

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



33.7680, 11.9464, -5.0585



33.4770, -10.0952, 17.9987



26.7860, 1.0915, -23.4913

Complementary

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



33.7680, 11.9464, -5.0585



52.2320, -11.9464, 5.0585

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.



29.9140, -6.3666, -11.3256



33.7680, 11.9464, -5.0585



32.5810, -14.5834, 10.8915

Square

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



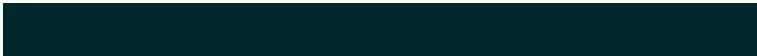
33.7680, 11.9464, -5.0585



33.6930, -4.2856, 21.3172



31.4550, -13.5353, 1.3550



28.3820, 7.2067, -24.8910

Rectangle

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



33.7680, 11.9464, -5.0585



34.8370, 4.0244, 15.9290



31.4550, -13.5353, 1.3550



27.2270, -1.0979, -21.2471

Sweetspot

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



33.7680, 11.9464, -5.0585



66.6560, 5.0996, -2.3293



48.5740, 2.6750, -18.0434



32.3850, 2.7682, -1.2146



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.



33.7680, 11.9464, -5.0585



37.9940, 19.2300, -7.8877



34.7090, 11.4825, 3.7632



25.9290, 1.0210, -0.8147



17.5320, 36.7127, -15.3756



41.9890, 87.2664, -36.8244

Inverse Universe

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



37.4260, -2.6750, 18.0434



44.0360, -4.4547, 28.9094



51.2910, -11.4825, -3.7632



26.0110, -0.0054, 1.7444



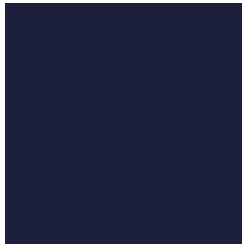
28.8760, -8.3199, 55.3597



68.7870, -19.6150, 131.7368

Previews

White Background



This preview shows how the YUV color 33.7680, 11.9464, -5.0585 looks on a white background.

Color Contrast Check

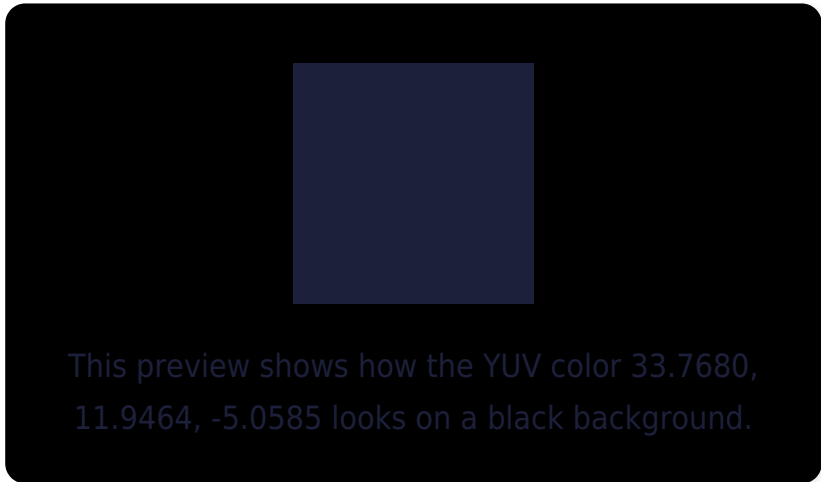
Large Text (above 18pt) WCAG AA ✓ Pass

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

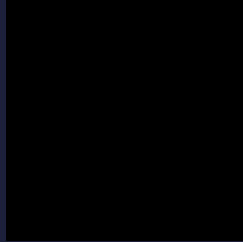
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.7680, 11.9464, -5.0585

Background



This preview shows how black text looks on a background with the YUV color 33.7680, 11.9464, -5.0585.



This preview shows how white text looks on a background with the YUV color 33.7680, 11.9464,

-5.0585.

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

33.7680, 11.9464, -5.0585

Protanopia

32.6750, 12.9782, -9.3620

Deuteranopia

31.5390, 12.5523, -12.7507



Tritanopia

32.1560, 3.3741, -8.9068

Trichromacy



Original Color

33.7680, 11.9464, -5.0585

Protanomaly

33.2730, 12.6834, -8.1324

Deuteranomaly

32.1480, 12.2520, -9.7768

Tritanomaly

32.9650, 6.4263, -7.8623

Monochromacy



Original Color

33.7680, 11.9464, -5.0585

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.8410, 4.5154, -1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.7680, 11.9464, -5.0585 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(28, 32, 58)` looks like.

```
.text, #text, p{  
    color:rgb(28, 32, 58)  
}
```

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(28, 32, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 32, 58) }
```

Border

The CSS property to change the border of an element to YUV 33.7680, 11.9464, -5.0585 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(28, 32, 58) }
```


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

```
.border{ border-color:rgb(28, 32, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 32, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 32, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 32, 58);  
box-shadow:4px 4px 4px 4px rgb(28, 32, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.7680, 11.9464, -5.0585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 32, 58) }
```

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

```
.background{ background-color: rgb(28, 32,  
58) }
```

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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