

Converting Colors

YUV(37.7680, 11.9464, -5.0585)

Have a look what the booklet for
YUV(37.7680, 11.9464, -5.0585)
contains.

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Color

**YUV(37.7680, 11.9464,
-5.0585)**

Conversions

Conversions Part 1

Format	Color
Hex	20243E
RGB	32, 36, 62
RGB Percent	13%, 14%, 24%
CMY	0.8745, 0.8588, 0.7569
CMYK	0.48, 0.42, 0.00, 0.76
HSL	232°, 32%, 18%
HSV	232°, 48%, 24%
XYZ	2.0960, 1.9166, 4.8169
YIQ	37.7680, -10.7300, 7.2380

Conversions

Conversions Part 2

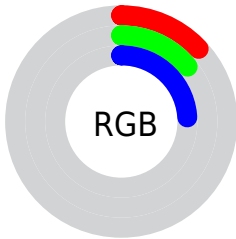
Format	Color
RYB	32, 36, 62
Decimal	2106430
CIELab	15.04, 6.41, -17.21
CIELCh	15, 18.365, 290.414
Yxy	1.9166, 0.2374, 0.2171
Android (android.graphics.Color)	4280296510 (0xFF20243E)
YUV	37.7680, 11.9464, -5.0585
Hunter-Lab	13.8442, 2.7978, -10.9381

Details

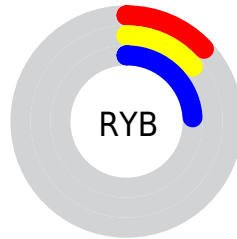
The YUV color **37.7680, 11.9464, -5.0585** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **56.2320, -11.9464, 5.0585**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.8220, 13.3988, -4.2289**, and **2.7530, 8.0098, -2.4144** is the 20% darker color. If you saturate the color by 10%, you get **33.0390, 14.2778, -6.1732**, and if you desaturate by 10%, it is **42.4970, 9.6150, -3.9439**.

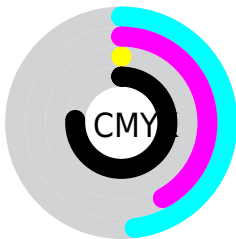
Distribution



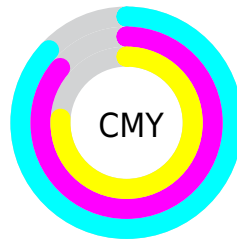
- Red (13%)
- Green (14%)
- Blue (24%)



- Red (13%)
- Yellow (14%)
- Blue (24%)



- Cyan (48%)
- Magenta (42%)
- Yellow (0%)
- Black (76%)



- Cyan (87%)
- Magenta (86%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.7680, 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 37.7680, 11.9464, -5.0585 by changing the saturation by 10% instead.

■ 37.7680, 11.9464,
-5.0585

■ 37.7680, 11.9464,
-5.0585

■ 255.0000, 0.0000,
0.0000

■ 16.6540, 11.5096,
-4.9586

■ 82.8220, 13.3988,
-4.2289

■ 2.7530, 8.0098,
-2.4144

■ 106.9360, 13.8356,
-4.3289

■ 0.0000, 0.0000,
0.0000

■ 132.3490, 14.1249,
-3.8141

■ 158.4630, 14.5617,
-3.9141

■ 185.5770, 14.9985,
-4.0140

■ 213.6910, 15.4353,

-4.1140

239.6390, 7.5730,
-2.3144

37.7680, 11.9464,
-5.0585

37.7680, 11.9464,
-5.0585

33.0390, 14.2778,
-6.1732

42.4970, 9.6150,
-3.9439

27.7230, 16.8986,
-6.7731

47.8130, 6.9942,
-3.3440

22.6950, 19.3774,
-8.5025

52.8410, 4.5154,
-1.6146

17.9660, 21.7088,
-9.6172

57.5700, 2.1840,
-0.4999

12.6500, 24.3296,
-10.2171

62.8860, -0.4368,
0.1000

■ 11.7640, 24.7663,
-10.3170

■ 67.6150, -2.7682,
1.2146

■ 72.9310, -5.3890,
1.8145

■ 77.9590, -7.8678,
3.5440

■ 82.6880, -10.1992,
4.6586

Harmonies

Analogous

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



31.2600, 15.6478, -25.6610



37.7680, 11.9464, -5.0585



39.3030, 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.



37.7680, 11.9464, -5.0585



37.5910, -9.6584, 17.8987



29.5900, 1.6811, -25.9504

Complementary

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



37.7680, 11.9464, -5.0585



56.2320, -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.



34.2130, -6.5140, -10.7108



37.7680, 11.9464, -5.0585



36.9230, -13.2730, 10.5915

Square

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



37.7680, 11.9464, -5.0585



37.6930, -4.2856, 21.3172



35.7970, -12.2249, 1.0550



31.0720, 7.3595, -27.2501

Rectangle

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



37.7680, 11.9464, -5.0585



38.8370, 4.0244, 15.9290



35.7970, -12.2249, 1.0550



31.5260, -1.2453, -20.6323

Sweetspot

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



37.7680, 11.9464, -5.0585



71.6560, 5.0996, -2.3293



52.5740, 2.6750, -18.0434



34.4990, 3.2050, -1.3146



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



37.7680, 11.9464, -5.0585



43.5810, 18.9406, -8.4025



38.7090, 11.4825, 3.7632



28.3420, 1.3104, -0.2999



18.3470, 37.2969, -16.0903



42.9180, 88.2874, -37.6391

Inverse Universe

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



41.4260, -2.6750, 18.0434



49.1500, -4.0179, 28.8095



55.2910, -11.4825, -3.7632



28.8970, -0.4422, 1.8443



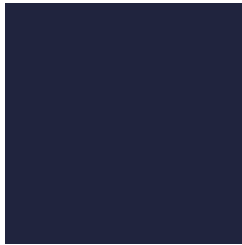
29.5880, -8.1779, 56.4893



69.7980, -19.6204, 133.4812

Previews

White Background



This preview shows how the YUV color 37.7680, 11.9464, -5.0585 looks on a white background.

Color Contrast Check

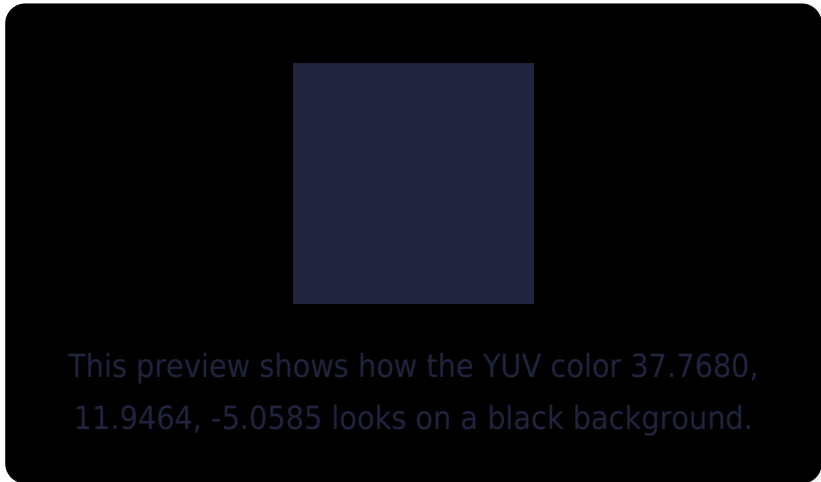
Large Text (above 18pt) WCAG AA ✓ Pass

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

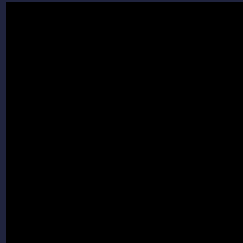
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.7680, 11.9464, -5.0585

Background



This preview shows how black text looks on a background with the YUV color 37.7680, 11.9464, -5.0585.



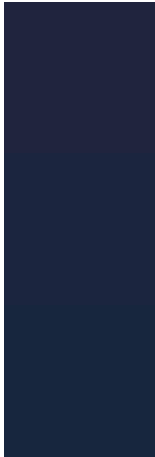
This preview shows how white text looks on a background with the YUV color 37.7680, 11.9464,

-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

37.7680, 11.9464, -5.0585

Protanopia

36.9740, 12.8308, -8.7472

Deuteranopia

36.2510, 12.6943, -11.6211



Tritanopia

36.1560, 3.3741, -8.9068

Trichromacy



Original Color

37.7680, 11.9464, -5.0585

Protanomaly

37.5720, 12.5360, -7.5176

Deuteranomaly

36.5610, 12.5414, -9.2620

Tritanomaly

36.9650, 6.4263, -7.8623

Monochromacy



Original Color

37.7680, 11.9464, -5.0585

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.8410, 4.5154, -1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7680, 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(32, 36, 62)` looks like.

```
.text, #text, p{  
  color:rgb(32, 36, 62)  
}
```

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(32, 36, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 36, 62) }
```

Border

The CSS property to change the border of an element to YUV 37.7680, 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(32, 36, 62) }
```


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

```
.border{ border-color:rgb(32, 36, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 36, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 36, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 36, 62);  
box-shadow:4px 4px 4px 4px rgb(32, 36, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.7680, 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(32, 36, 62) }
```

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

```
.background{ background-color: rgb(32, 36,  
62) }
```

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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