

Converting Colors

YUV(37.3380, 14.1304, -5.5584)

Have a look what the booklet for
YUV(37.3380, 14.1304, -5.5584)
contains.

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Color

**YUV(37.3380, 14.1304,
-5.5584)**

Conversions

Conversions Part 1

Format	Color
Hex	1F2342
RGB	31, 35, 66
RGB Percent	12%, 14%, 26%
CMY	0.8784, 0.8627, 0.7412
CMYK	0.53, 0.47, 0.00, 0.74
HSL	233°, 36%, 19%
HSV	233°, 53%, 26%
XYZ	2.1495, 1.8867, 5.4051
YIQ	37.3380, -12.3350, 8.7930

Conversions

Conversions Part 2

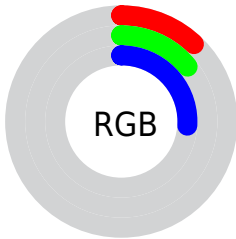
Format	Color
R_{YB}	31, 35, 66
Decimal	2040642
CIE _{Lab}	14.88, 8.29, -20.26
CIE _{LCh}	15, 21.890, 292.245
Yxy	1.8867, 0.2277, 0.1998
Android (android.graphics.Color)	4280230722 (0xFF1F2342)
YUV	37.3380, 14.1304, -5.5584
Hunter-Lab	13.7358, 3.8953, -13.7160

Details

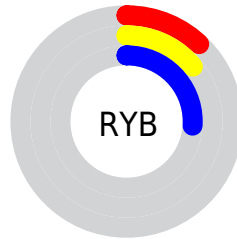
The YUV color **37.3380, 14.1304, -5.5584** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **59.6620, -14.1304, 5.5584**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.6910, 15.4353, -4.1140**, and **3.2090, 9.7570, -2.8143** is the 20% darker color. If you saturate the color by 10%, you get **31.7230, 16.8986, -6.7731**, and if you desaturate by 10%, it is **42.9530, 11.3622, -4.3438**.

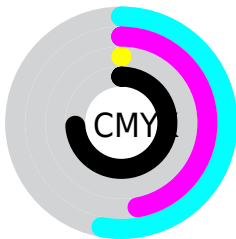
Distribution



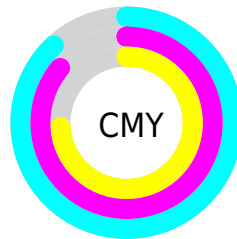
- Red (12%)
- Green (14%)
- Blue (26%)



- Red (12%)
- Yellow (14%)
- Blue (26%)



- Cyan (53%)
- Magenta (47%)
- Yellow (0%)
- Black (74%)



- Cyan (88%)
- Magenta (86%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.3380, 14.1304, -5.5584 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 37.3380, 14.1304, -5.5584 by changing the saturation by 10% instead.

■ 37.3380, 14.1304,
-5.5584

■ 37.3380, 14.1304,
-5.5584

■ 255.0000, 0.0000,
0.0000

■ 15.9250, 13.8410,
-6.0732

■ 82.6910, 15.4353,
-4.1140

■ 3.2090, 9.7570,
-2.8143

■ 106.9190, 16.3089,
-4.3140

■ 0.0000, 0.0000,
0.0000

■ 132.3320, 16.5983,
-3.7992

■ 158.4460, 17.0351,
-3.8991

■ 185.5600, 17.4719,
-3.9991

■ 213.0870, 18.1981,

-3.5843

239.0520, 7.8624,
-1.7996

37.3380, 14.1304,
-5.5584

37.3380, 14.1304,
-5.5584

31.7230, 16.8986,
-6.7731

42.9530, 11.3622,
-4.3438

26.4070, 19.5193,
-7.3729

48.2690, 8.7414,
-3.7439

20.7920, 22.2875,
-8.5876

53.8840, 5.9732,
-2.5293

16.0630, 24.6189,
-9.7023

58.6130, 3.6418,
-1.4146

12.2200, 26.5135,
-10.7169

64.2280, 0.8736,
-0.2000

■ 69.8430, -1.8946,
1.0147

■ 75.1590, -4.5154,
1.6146

■ 80.7740, -7.2836,
2.8292

■ 86.0900, -9.9044,
3.4291

Harmonies

Analogous

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



31.2320, 18.1266, -27.3905



37.3380, 14.1304, -5.5584



38.9550, 8.4032, 11.4405

Triad

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



37.3380, 14.1304, -5.5584



36.3310, -11.9952, 20.7577



30.1770, 1.3917, -26.4652

Complementary

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



37.3380, 14.1304, -5.5584



59.6620, -14.1304, 5.5584

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.



32.0770, -6.9400, -14.0995



37.3380, 14.1304, -5.5584



35.4950, -17.4990, 12.7209

Square

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



37.3380, 14.1304, -5.5584



36.9000, -4.8807, 25.5207



34.2870, -15.4245, 0.6253



32.0010, 8.3805, -28.0649

Rectangle

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



37.3380, 14.1304, -5.5584



38.2720, 4.3029, 19.9325



34.2870, -15.4245, 0.6253



28.9060, -0.9397, -25.3506

Sweetspot

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



37.3380, 14.1304, -5.5584



75.1830, 5.8258, -1.9145



55.0790, 3.4121, -21.1173



36.4990, 3.2050, -1.3146



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



37.3380, 14.1304, -5.5584



41.4930, 22.4350, -9.2024



38.8770, 13.3716, 4.4929



30.3420, 1.3104, -0.2999



17.5150, 39.1861, -15.3607



40.7980, 90.3186, -35.7798

Inverse Universe

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



41.9210, -3.4121, 21.1173



48.5420, -5.1972, 33.7277



58.1230, -13.3716, -4.4929



30.8970, -0.4422, 1.8443



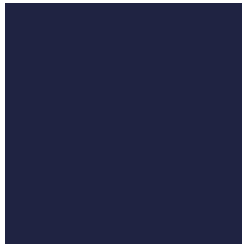
30.2570, -9.4937, 58.5336



69.9400, -21.6624, 135.1106

Previews

White Background



This preview shows how the YUV color 37.3380, 14.1304, -5.5584 looks on a white background.

Color Contrast Check

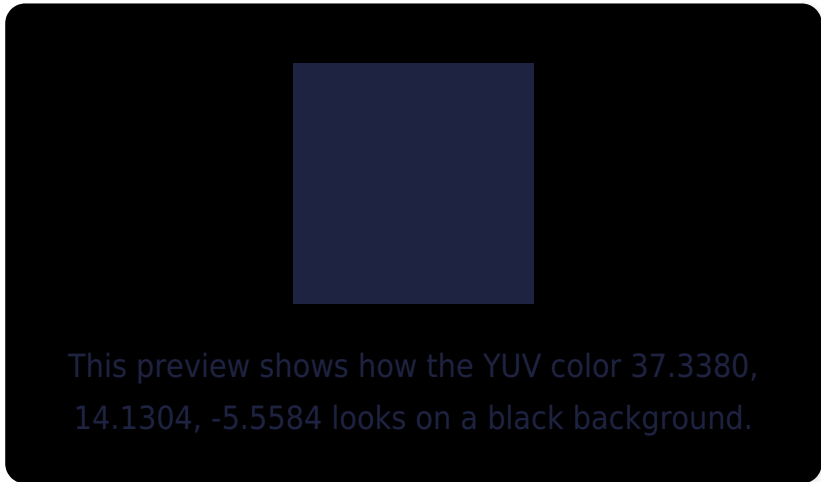
Large Text (above 18pt) WCAG AA ✓ Pass

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

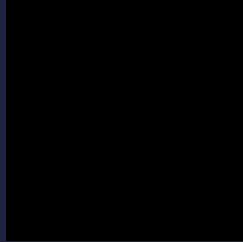
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.3380, 14.1304, -5.5584

Background



This preview shows how black text looks on a background with the YUV color 37.3380, 14.1304, -5.5584.



This preview shows how white text looks on a background with the YUV color 37.3380, 14.1304,

-5.5584.

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

37.3380, 14.1304, -5.5584

Protanopia

36.3480, 15.6044, -11.7062

Deuteranopia

34.2010, 15.1839, -16.8393



Tritanopia

35.2590, 3.8163, -10.7511

Trichromacy



Original Color

37.3380, 14.1304, -5.5584

Protanomaly

36.5440, 15.0148, -9.2471

Deuteranomaly

35.4080, 14.5889, -12.6358

Tritanomaly

35.8940, 7.4473, -8.6770

Monochromacy



Original Color

37.3380, 14.1304, -5.5584

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.0690, 5.3890, -1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.3380, 14.1304, -5.5584 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(31, 35, 66)` looks like.

```
.text, #text, p{  
    color:rgb(31, 35, 66)  
}
```

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(31, 35, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 35, 66) }
```

Border

The CSS property to change the border of an element to YUV 37.3380, 14.1304, -5.5584 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(31, 35, 66) }
```


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

```
.border{ border-color:rgb(31, 35, 66) }
```

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

Here you see how a box with a 4 pixel rgb(31, 35, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 35, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 35, 66);  
box-shadow:4px 4px 4px 4px rgb(31, 35, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.3380, 14.1304, -5.5584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 35, 66) }
```

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

```
.background{ background-color: rgb(31, 35,  
66) }
```

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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