

Converting Colors

YUV(36.8330, 37.0573, 14.1785)

Have a look what the booklet for
YUV(36.8330, 37.0573, 14.1785)
contains.

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Color

**YUV(36.8330, 37.0573,
14.1785)**

Conversions

Conversions Part 1

Format	Color
Hex	350E70
RGB	53, 14, 112
RGB Percent	21%, 5%, 44%
CMY	0.7922, 0.9451, 0.5608
CMYK	0.53, 0.87, 0.00, 0.56
HSL	264°, 78%, 25%
HSV	264°, 87%, 44%
XYZ	4.5499, 2.2408, 15.5219
YIQ	36.8330, -8.2140, 38.7460

Conversions

Conversions Part 2

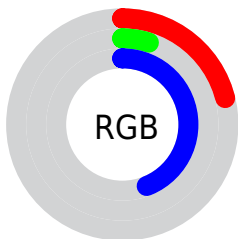
Format	Color
R_{YB}	53, 14, 112
Decimal	3477104
CIE _{Lab}	16.70, 40.58, -48.09
CIE _{LCh}	17, 62.929, 310.160
Yxy	2.2408, 0.2039, 0.1004
Android (android.graphics.Color)	4281667184 (0xFF350E70)
YUV	36.8330, 37.0573, 14.1785
Hunter-Lab	14.9693, 28.0580, -51.0002

Details

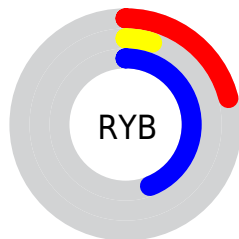
The YUV color **36.8330, 37.0573, 14.1785** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **89.1670, -37.0573, -14.1785**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.7840, 38.0675, 16.8524**, and **7.1820, 27.5183, -6.2986** is the 20% darker color. If you saturate the color by 10%, you get **28.2830, 41.2725, 15.5378**, and if you desaturate by 10%, it is **45.3830, 32.8422, 12.8191**.

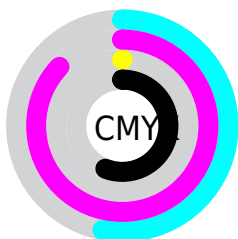
Distribution



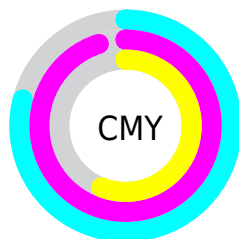
- Red (21%)
- Green (5%)
- Blue (44%)



- Red (21%)
- Yellow (5%)
- Blue (44%)



- Cyan (53%)
- Magenta (87%)
- Yellow (0%)
- Black (56%)



- Cyan (79%)
- Magenta (95%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.8330, 37.0573, 14.1785 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 36.8330, 37.0573, 14.1785 by changing the saturation by 10% instead.

36.8330, 37.0573,
14.1785

36.8330, 37.0573,
14.1785

252.0650, 1.4470,
2.5740

17.0940, 34.4637,
6.0566

87.7840, 38.0675,
16.8524

7.1820, 27.5183,
-6.2986

113.6100, 38.6463,
17.8820

6.3210, 16.6037,
-5.5435

139.8490, 39.5144,
19.4264

2.6390, 7.5730,
-2.3144

166.7890, 40.5300,
20.3560


0.0000, 0.0000,
0.0000


191.9930, 31.0625,
23.6851


216.5130, 18.9741,


27.6141


 235.0420, 9.8393,
17.5032


 36.8330, 37.0573,
14.1785


 36.8330, 37.0573,
14.1785


 28.2830, 41.2725,
15.5378


 45.3830, 32.8422,
12.8191

 26.2230, 42.2881,
16.4674

 53.6340, 28.7744,
10.8450

 62.7710, 24.2699,
8.9708

 71.3210, 20.0547,
7.6115

 79.8710, 15.8396,
6.2521

■ 88.1220, 11.7719,
4.2780

■ 96.6720, 7.5567,
2.9187

■ 105.8090, 3.0522,
1.0445

■ 114.3590, -1.1630,
-0.3148

Harmonies

Analogous

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



40.9900, 45.3609, -35.9482



36.8330, 37.0573, 14.1785



38.5210, 16.9981, 54.7941

Triad

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



36.8330, 37.0573, 14.1785



37.6870, -18.5797, 32.7235



39.8430, 7.9654, -34.9423

Complementary

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



36.8330, 37.0573, 14.1785



89.1670, -37.0573, -14.1785

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.



33.3280, -14.4587, -29.2287



36.8330, 37.0573, 14.1785



37.7770, -18.6241, 0.1956

Square

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



36.8330, 37.0573, 14.1785



30.4980, -15.0355, 62.7073



30.5240, -15.0483, -26.7695



44.8590, 27.1845, -39.3413

Rectangle

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



36.8330, 37.0573, 14.1785



38.3900, 2.2727, 64.5560



30.5240, -15.0483, -26.7695



38.0190, 0.9766, -33.3427

Sweetspot

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



36.8330, 37.0573, 14.1785



116.7030, 13.9504, 5.5225



60.3920, 25.4427, -40.6858



56.3130, 8.7197, 3.2335



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



36.8330, 37.0573, 14.1785



33.8720, 54.7861, 21.1603



51.1850, 29.9818, 43.6878



51.5810, 2.1786, 1.2445



28.0320, 45.3402, 17.5119



57.4600, 93.4432, 35.5536

Inverse Universe

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



50.0280, 11.3252, 54.3494



53.3870, 17.0642, 80.3446



74.8150, -29.9818, -43.6878



52.2500, 0.8628, 3.2888



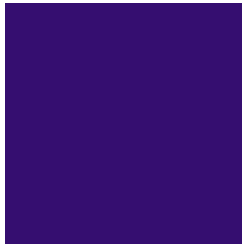
44.0880, 13.7606, 66.5748



90.8390, 28.6734, 136.9532

Previews

White Background



This preview shows how the YUV color 36.8330, 37.0573, 14.1785 looks on a white background.

Color Contrast Check

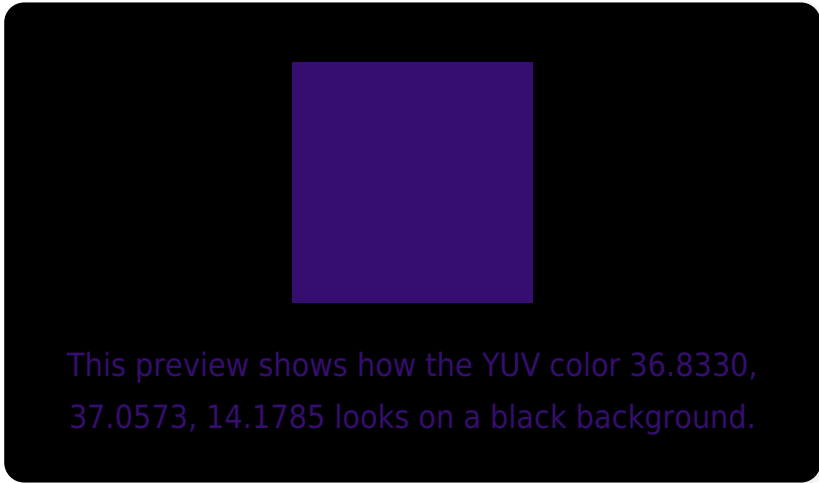
Large Text (above 18pt) WCAG AA ✓ Pass

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

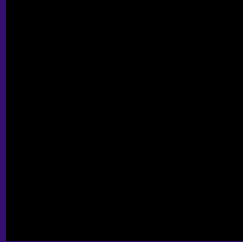
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.8330, 37.0573, 14.1785

Background



This preview shows how black text looks on a background with the YUV color 36.8330, 37.0573, 14.1785.



This preview shows how white text looks on a background with the YUV color 36.8330, 37.0573,

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

36.8330, 37.0573, 14.1785

Protanopia

34.5720, 25.8470, -30.3196

Deuteranopia

34.3780, 20.0266, -30.1495



Tritanopia

41.8680, 3.5161, -7.7772

Trichromacy



Original Color

36.8330, 37.0573, 14.1785

Protanomaly

35.4090, 29.8714, -14.3907

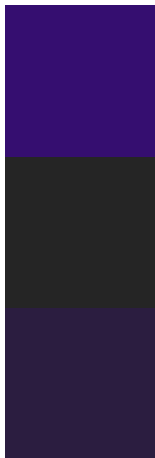
Deuteranomaly

35.0840, 26.0876, -14.1057

Tritanomaly

40.1260, 15.7139, -0.1105

Monochromacy



Original Color

36.8330, 37.0573, 14.1785

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.1760, 13.2242, 5.1076

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.8330, 37.0573, 14.1785 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(53, 14, 112)` looks like.

```
.text, #text, p{  
    color:rgb(53, 14, 112)  
}
```

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(53, 14, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 14, 112) }
```

Border

The CSS property to change the border of an element to YUV 36.8330, 37.0573, 14.1785 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(53, 14, 112) }
```


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

```
.border{ border-color:rgb(53, 14, 112) }
```

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

Here you see how a box with a 4 pixel rgb(53, 14, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 14, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 14, 112);  
box-shadow:4px 4px 4px 4px rgb(53, 14,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 36.8330, 37.0573, 14.1785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 14, 112) }
```

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

```
.background{ background-color: rgb(53, 14,  
112) }
```

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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