

Converting Colors

YUV(41.6340, 8.5614, 7.3370)

Have a look what the booklet for
YUV(41.6340, 8.5614, 7.3370)
contains.

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Color

**YUV(41.6340, 8.5614,
7.3370)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 32223B |
| RGB | 50, 34, 59 |
| RGB Percent | 20%, 13%, 23% |
| CMY | 0.8039, 0.8667, 0.7686 |
| CMYK | 0.15, 0.42, 0.00, 0.77 |
| HSL | 278°, 27%, 18% |
| HSV | 278°, 42%, 23% |
| XYZ | 2.6768, 2.1379, 4.4092 |
| YIQ | 41.6340, 1.5110, 11.1670 |

Conversions

Conversions Part 2

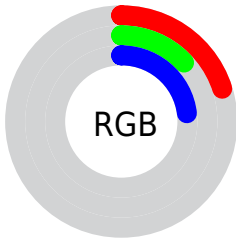
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 50, 34, 59 |
| Decimal | 3285563 |
| CIE Lab | 16.20, 13.35, -13.17 |
| CIE LCh | 16, 18.756, 315.390 |
| Yxy | 2.1379, 0.2902, 0.2318 |
| Android (android.graphics.Color) | 4281475643 (0xFF32223B) |
| YUV | 41.6340, 8.5614, 7.3370 |
| Hunter-Lab | 14.6217, 7.0907, -7.6441 |




Details

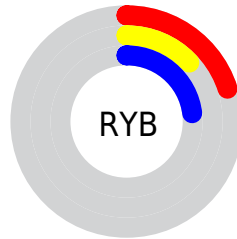
The YUV color **41.6340, 8.5614, 7.3370** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **51.3660, -8.5614, -7.3370**, and the grayscale version is **42.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **87.4600, 9.1402, 8.3666**, and **2.2970, 6.2626, -2.0145** is the 20% darker color. If you saturate the color by 10%, you get **37.5140, 10.5926, 9.1962**, and if you desaturate by 10%, it is **45.7540, 6.5303, 5.4777**.

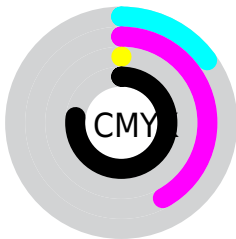
Distribution







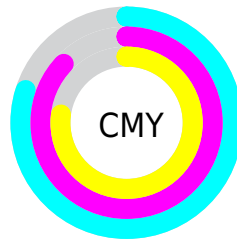
-  Red (20%)
-  Green (13%)
-  Blue (23%)






-  Red (20%)
-  Yellow (13%)
-  Blue (23%)



-  Cyan (15%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (77%)



-  Cyan (80%)
-  Magenta (87%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.6340, 8.5614, 7.3370 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 41.6340, 8.5614, 7.3370 by changing the saturation by 10% instead.

■ 41.6340, 8.5614,
7.3370

■ 41.6340, 8.5614,
7.3370

■ 255.0000, 0.0000,
0.0000

■ 20.5200, 8.1246,
7.4370

■ 87.4600, 9.1402,
8.3666

■ 2.2970, 6.2626,
-2.0145

■ 111.9870, 9.8664,
8.7814

■ 0.0000, 0.0000,
0.0000

■ 137.4000, 10.1558,
9.2962

■ 163.5140, 10.5926,
9.1962

■ 190.8130, 10.4452,
9.8110

■ 218.3400, 11.1714,

10.2258

244.4340, 5.2090,
9.2664

41.6340, 8.5614,
7.3370

41.6340, 8.5614,
7.3370

37.5140, 10.5926,
9.1962

45.7540, 6.5303,
5.4777

33.3940, 12.6238,
11.0555

49.8740, 4.4991,
3.6185

29.2740, 14.6549,
12.9147

53.9940, 2.4680,
1.7593

25.1540, 16.6861,
14.7739

58.1140, 0.4368,
-0.1000

20.7350, 18.8646,
16.0184

61.9460, -1.4524,
-0.8296

■ 18.0880, 20.1696,
17.4628

■ 66.0660, -3.4835,
-2.6889

■ 70.1860, -5.5147,
-4.5481

■ 74.3060, -7.5459,
-6.4074

■ 78.4260, -9.5770,
-8.2666

Harmonies

Analogous

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



39.3870, 13.1202, -8.2324



41.6340, 8.5614, 7.3370



41.5060, 2.7085, 17.9732

Triad

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



41.6340, 8.5614, 7.3370



39.3470, -12.9891, 12.8507



32.9470, 6.9281, -28.8945

Complementary

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



41.6340, 8.5614, 7.3370



51.3660, -8.5614, -7.3370

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.



32.8460, 0.0759, -24.4209



41.6340, 8.5614, 7.3370



38.6940, -12.6671, 2.8994

Square

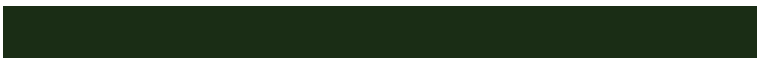
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.6340, 8.5614, 7.3370



39.8300, -8.7902, 19.4431



36.5830, -7.6824, -9.2813



33.7280, 12.4591, -29.5795

Rectangle

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



41.6340, 8.5614, 7.3370



40.7900, -1.3755, 21.2322



36.5830, -7.6824, -9.2813



32.3770, 4.7441, -28.3946

Sweetspot

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



41.6340, 8.5614, 7.3370



69.9340, 3.4835, 2.6889



42.1330, 8.3154, -7.1326



33.8800, 2.0312, 1.8592



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.



41.6340, 8.5614, 7.3370



49.0350, 13.7867, 11.3703



43.9830, 5.9244, 13.1699



28.6410, 1.1630, 0.3148



28.6560, 32.2146, 27.4887



67.7660, 76.0374, 65.1032

Inverse Universe

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



42.5010, 0.2460, 14.4696



50.6700, 0.6557, 23.0914



49.0170, -5.9244, -13.1699



29.0110, -0.0054, 1.7444



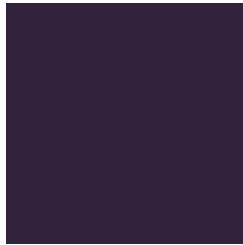
31.9820, 0.9949, 54.3898



75.4980, 2.2195, 128.4823

Previews

White Background



This preview shows how the YUV color 41.6340, 8.5614, 7.3370 looks on a white background.

Color Contrast Check

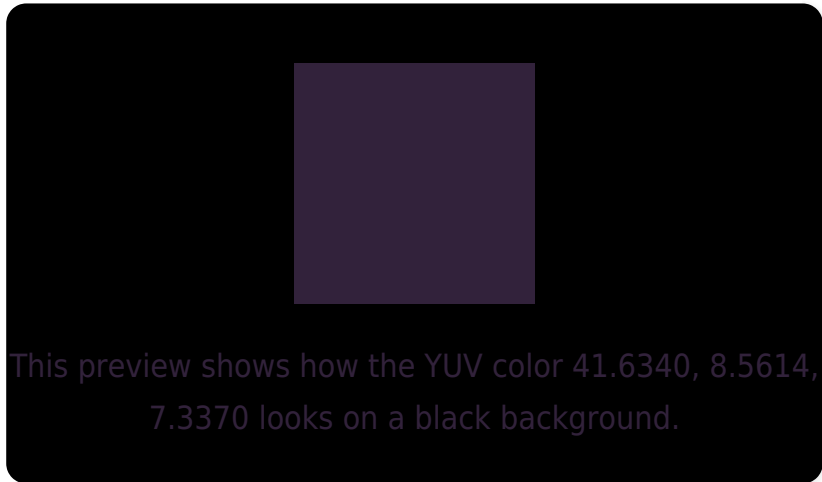
Large Text (above 18pt) WCAG AA ✓ Pass

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

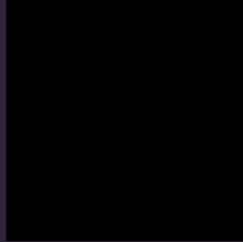
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.6340, 8.5614, 7.3370

Background



This preview shows how black text looks on a background with the YUV color 41.6340, 8.5614, 7.3370.



This preview shows how white text looks on a background with the YUV color 41.6340, 8.5614,

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

41.6340, 8.5614, 7.3370

Protanopia

40.0450, 11.8098, -7.9325

Deuteranopia

40.2580, 8.7468, -5.4883



Tritanopia

41.0330, -0.0163, 5.2331

Trichromacy



Original Color

41.6340, 8.5614, 7.3370

Protanomaly

40.7360, 10.4832, -2.3995

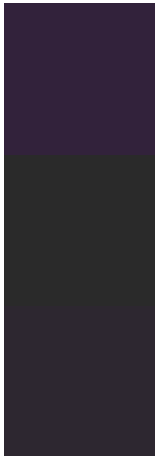
Deuteranomaly

40.8780, 8.4411, -0.7700

Tritanomaly

41.5430, 3.1833, 5.6628

Monochromacy



Original Color

41.6340, 8.5614, 7.3370

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.8200, 3.0467, 2.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.6340, 8.5614, 7.3370 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(50, 34, 59)` looks like.

```
.text, #text, p{  
    color:rgb(50, 34, 59)  
}
```

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(50, 34, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 34, 59) }
```

Border

The CSS property to change the border of an element to YUV 41.6340, 8.5614, 7.3370 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(50, 34, 59) }
```


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

```
.border{ border-color:rgb(50, 34, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 34, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 34, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 34, 59);  
box-shadow:4px 4px 4px 4px rgb(50, 34, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.6340, 8.5614, 7.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 34, 59) }
```

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

```
.background{ background-color: rgb(50, 34,  
59) }
```

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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