

Converting Colors

YUV(103.4340, -15.0040,
5.7584)

Have a look what the booklet for
YUV(103.4340, -15.0040, 5.7584)
contains.

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Color

**YUV(103.4340, -15.0040,
5.7584)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6A49
RGB	110, 106, 73
RGB Percent	43%, 42%, 29%
CMY	0.5686, 0.5843, 0.7137
CMYK	0.00, 0.04, 0.34, 0.57
HSL	54°, 20%, 36%
HSV	54°, 34%, 43%
XYZ	12.7870, 14.1041, 8.3517
YIQ	103.4340, 12.9770, -9.4150

Conversions

Conversions Part 2

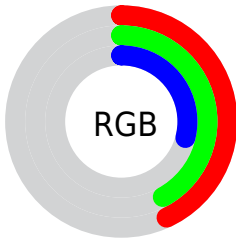
Format	Color
RYB	77, 110, 73
Decimal	7236169
CIELab	44.38, -4.07, 19.13
CIElCh	44, 19.557, 101.999
Yxy	14.1041, 0.3628, 0.4002
Android (android.graphics.Color)	4285426249 (0xFF6E6A49)
YUV	103.4340, -15.0040, 5.7584
Hunter-Lab	37.5554, -4.9455, 13.1036

Details

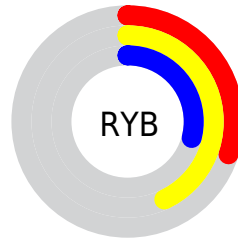
The YUV color **103.4340, -15.0040, 5.7584** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **79.5660, 15.0040, -5.7584**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5050, -16.0250, 6.5731**, and **56.4770, -13.5462, 4.8437** is the 20% darker color. If you saturate the color by 10%, you get **101.5930, -19.5193, 7.3729**, and if you desaturate by 10%, it is **105.2750, -10.4886, 4.1438**.

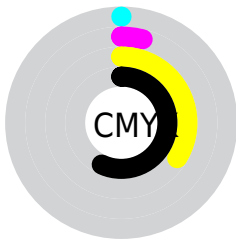
Distribution



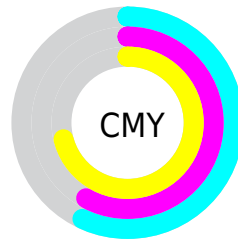
- Red (43%)
- Green (42%)
- Blue (29%)



- Red (30%)
- Yellow (43%)
- Blue (29%)



- Cyan (0%)
- Magenta (4%)
- Yellow (34%)
- Black (57%)



- Cyan (57%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.4340, -15.0040, 5.7584 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 103.4340, -15.0040, 5.7584 by changing the saturation by 10% instead.

■ 103.4340,
-15.0040, 5.7584

■ 103.4340,
-15.0040, 5.7584

■ 255.0000, 0.0000,
0.0000

■ 79.2490, -14.4198,
5.0436

■ 154.5050,
-16.0250, 6.5731

■ 56.4770, -13.5462,
4.8437

■ 181.3910,
-16.4618, 6.6731

■ 33.9500, -14.2723,
4.4289

■ 209.2770,
-16.8986, 6.7731

■ 14.1650, -6.9833,
-0.1447

■ 237.4620,
-17.4828, 7.4878

■ 0.0000, 0.0000,
0.0000

■ 252.1500,
-10.9200, 2.4994

■ 103.4340,
-15.0040, 5.7584

■ 103.4340,
-15.0040, 5.7584

■ 101.5930,
-19.5193, 7.3729

■ 105.2750,
-10.4886, 4.1438

■ 99.7520, -24.0347,
8.9875

■ 107.1160, -5.9732,
2.5293

■ 97.3240, -28.2607,
11.1169

■ 109.5440, -1.7472,
0.3999

■ 95.4830, -32.7761,
12.7314

■ 111.3850, 2.7682,
-1.2146

■ 93.6420, -37.2915,
14.3460

■ 113.2260, 7.2836,
-2.8292

■ 91.8010, -41.8069,
15.9605

■ 115.0670, 11.7990,
-4.4438

■ 90.4160, -44.5751,
17.1752

■ 116.9080, 16.3144,
-6.0583

■ 119.3360, 20.5404,

-8.1877

■ 121.1770, 25.0557,
-9.8022

Harmonies

Analogous

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



105.0980, -15.3313, 17.4541



103.4340, -15.0040, 5.7584



101.1980, -10.4506, -8.0666

Triad

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



103.4340, -15.0040, 5.7584



97.4390, 14.0806, -36.3420



107.4570, 3.7187, 20.6472

Complementary

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



103.4340, -15.0040, 5.7584



79.5660, 15.0040, -5.7584

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.



107.5030, 10.5980, 7.4519



103.4340, -15.0040, 5.7584



100.6020, 16.9582, -25.9610

Square

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



103.4340, -15.0040, 5.7584



96.9140, 6.9444, -34.1276



104.7720, 15.8884, -9.4470



107.1390, -4.0125, 27.0651

Rectangle

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



103.4340, -15.0040, 5.7584



100.0980, -5.4713, -18.5029



104.7720, 15.8884, -9.4470



107.4180, 6.2029, 17.1734

Sweetspot

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



103.4340, -15.0040, 5.7584



140.2300, -5.5364, 2.4293



84.5190, -3.7069, 22.3468



69.5010, -3.2050, 1.3146



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



103.4340, -15.0040, 5.7584



132.9800, -23.1611, 8.7875



101.5960, -14.0978, -4.9077



54.7290, -2.3314, 1.1147



98.6890, -48.6537, 18.6897



203.5800, -100.3649, 38.0793

Inverse Universe

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



79.5660, 15.0040, -5.7584



96.0200, 23.1611, -8.7875



81.4040, 14.0978, 4.9077



51.2710, 2.3314, -1.1147



21.3110, 48.6537, -18.6897



44.0070, 100.0755, -38.5941

Previews

White Background



This preview shows how the YUV color 103.4340, -15.0040, 5.7584 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 × Fail

Black Background



This preview shows how the YUV color 103.4340, -15.0040, 5.7584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

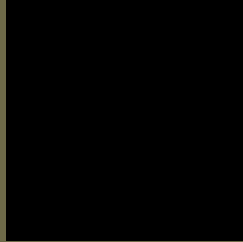
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.4340, -15.0040, 5.7584

Background



This preview shows how black text looks on a background with the YUV color 103.4340, -15.0040, 5.7584.



This preview shows how white text looks on a background with the YUV color 103.4340, -15.0040,

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

103.4340, -15.0040, 5.7584

Protanopia

103.7440, -15.1568, 8.1175

Deuteranopia

104.5110, -15.0419, 17.9689



Tritanopia

105.7990, 1.5781, 7.1923

Trichromacy



Original Color

103.4340, -15.0040, 5.7584

Protanomaly

103.4450, -15.0094, 7.5027

Deuteranomaly

104.1900, -14.8837, 13.8654

Tritanomaly

105.1920, -4.5317, 6.8476

Monochromacy



Original Color

103.4340, -15.0040, 5.7584

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.2300, -5.5364, 2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.4340, -15.0040, 5.7584 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(110, 106, 73)` looks like.

```
.text, #text, p{  
    color:rgb(110, 106, 73)  
}
```

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(110, 106, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 106, 73) }
```

Border

The CSS property to change the border of an element to YUV 103.4340, -15.0040, 5.7584 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(110, 106, 73) }
```


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

```
.border{ border-color:rgb(110, 106, 73) }
```

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

Here you see how a box with a 4 pixel rgb(110, 106, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 106, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 106, 73);  
box-shadow:4px 4px 4px 4px rgb(110, 106,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 103.4340, -15.0040, 5.7584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 106, 73) }
```

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

```
.background{ background-color: rgb(110,  
106, 73) }
```

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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