

Converting Colors

YUV(53.1330, 5.3574, 55.1344)

Have a look what the booklet for
YUV(53.1330, 5.3574, 55.1344)
contains.

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Color

**YUV(53.1330, 5.3574,
55.1344)**

Conversions

Conversions Part 1

Format	Color
Hex	741340
RGB	116, 19, 64
RGB Percent	45%, 7%, 25%
CMY	0.5451, 0.9255, 0.7490
CMYK	0.00, 0.84, 0.45, 0.55
HSL	332°, 72%, 26%
HSV	332°, 84%, 45%
XYZ	8.3607, 4.5489, 5.2879
YIQ	53.1330, 43.3670, 34.5590

Conversions

Conversions Part 2

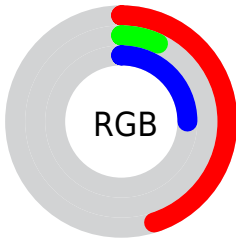
Format	Color
RYB	116, 19, 64
Decimal	7607104
CIELab	25.41, 43.88, -1.57
CIElCh	25, 43.909, 357.946
Yxy	4.5489, 0.4594, 0.2500
Android (android.graphics.Color)	4285797184 (0xFF741340)
YUV	53.1330, 5.3574, 55.1344
Hunter-Lab	21.3282, 32.6485, 0.2301

Details

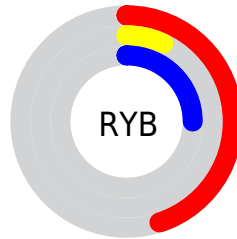
The YUV color **53.1330, 5.3574, 55.1344** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **81.8670, -5.3574, -55.1344**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.6340, 2.1524, 56.4490**, and **21.3450, 0.3229, 36.5314** is the 20% darker color. If you saturate the color by 10%, you get **45.4050, 6.2093, 61.9118**, and if you desaturate by 10%, it is **60.8610, 4.5055, 48.3569**.

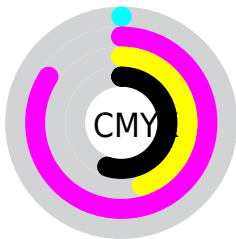
Distribution



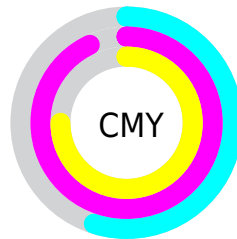
- Red (45%)
- Green (7%)
- Blue (25%)



- Red (45%)
- Yellow (7%)
- Blue (25%)



- Cyan (0%)
- Magenta (84%)
- Yellow (45%)
- Black (55%)



- Cyan (55%)
- Magenta (93%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.1330, 5.3574, 55.1344 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 53.1330, 5.3574, 55.1344 by changing the saturation by 10% instead.

■ 53.1330, 5.3574,
55.1344

■ 53.1330, 5.3574,
55.1344

■ 255.0000, 0.0000,
0.0000

■ 31.3990, 5.2263,
50.5161

■ 107.6340, 2.1524,
56.4490

■ 21.3450, 0.3229,
36.5314

■ 134.4170, 1.2734,
58.3933

■ 11.4760, -5.1647,
23.2615

■ 161.9010, 0.5418,
59.7228

■ 0.0000, 0.0000,
0.0000

■ 188.3030, 0.8366,
58.4933

■ 207.3440, 5.2534,
41.7943

■ 227.5590, 9.0914,

24.0658

245.6080, 4.6303,
8.2368

53.1330, 5.3574,
55.1344

53.1330, 5.3574,
55.1344

45.4050, 6.2093,
61.9118

60.8610, 4.5055,
48.3569

40.8400, 6.4879,
65.9153

68.0020, 3.9430,
42.0942

75.8440, 3.5279,
35.2168

82.9850, 2.9654,
28.9542

90.7130, 2.1135,
22.1767

■ 98.4410, 1.2616,
15.3992

■ 105.6960, 1.1359,
9.0366

■ 113.4240, 0.2840,
2.2592

■ 120.5650, -0.2785,
-4.0035

Harmonies

Analogous

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



59.9050, 17.7948, 32.5323



53.1330, 5.3574, 55.1344



53.4800, -11.0826, 54.8300

Triad

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



53.1330, 5.3574, 55.1344



52.4850, -25.8751, -7.4413



55.6020, 30.2692, -48.7630

Complementary

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



53.1330, 5.3574, 55.1344



81.8670, -5.3574, -55.1344

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.



54.3990, 18.0443, -47.7079



53.1330, 5.3574, 55.1344



44.7720, -11.2266, -39.2650

Square

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



53.1330, 5.3574, 55.1344



57.0690, -28.1350, 17.4795



49.9360, 3.4826, -43.7939



52.6330, 36.6629, -46.1591

Rectangle

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



53.1330, 5.3574, 55.1344



55.3250, -22.8382, 45.3190



49.9360, 3.4826, -43.7939



55.2770, 26.4854, -48.4779

Sweetspot

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



53.1330, 5.3574, 55.1344



126.0010, 1.9715, 21.0471



45.6060, 34.7042, 22.2705



62.0170, 0.9776, 13.1401



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



53.1330, 5.3574, 55.1344



52.8300, 8.4648, 85.2181



49.7640, -15.1667, 58.0890



55.1360, 0.4260, 3.3887



42.9760, 6.9138, 69.3040



87.9740, 13.8168, 142.0968

Inverse Universe

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



53.1330, 5.3574, 55.1344



52.8300, 8.4648, 85.2181



85.2360, 15.1667, -58.0890



55.1360, 0.4260, 3.3887



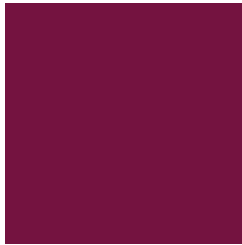
42.9760, 6.9138, 69.3040



87.9740, 13.8168, 142.0968

Previews

White Background



This preview shows how the YUV color 53.1330, 5.3574, 55.1344 looks on a white background.

Color Contrast Check

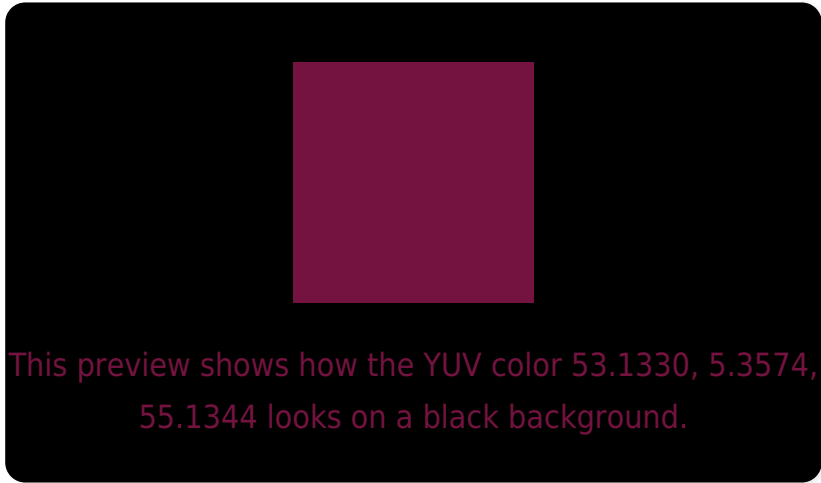
Large Text (above 18pt) WCAG AA ✓ Pass

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

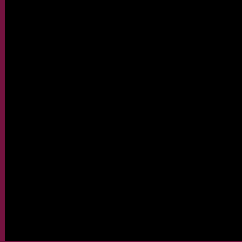
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.1330, 5.3574, 55.1344

Background



This preview shows how black text looks on a background with the YUV color 53.1330, 5.3574, 55.1344.



This preview shows how white text looks on a background with the YUV color 53.1330, 5.3574,

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

53.1330, 5.3574, 55.1344

Protanopia

62.0990, 13.2622, -7.1028

Deuteranopia

62.5770, -1.7635, 5.6330



Tritanopia

55.2300, -11.9454, 51.5413

Trichromacy



Original Color

53.1330, 5.3574, 55.1344

Protanomaly

59.1450, 10.2815, 15.6588

Deuteranomaly

59.0830, 0.9451, 23.6062

Tritanomaly

54.5490, -5.6937, 53.0155

Monochromacy



Original Color

53.1330, 5.3574, 55.1344

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.2890, 1.8295, 19.9175

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.1330, 5.3574, 55.1344 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(116, 19, 64)` looks like.

```
.text, #text, p{  
    color:rgb(116, 19, 64)  
}
```

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(116, 19, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 19, 64) }
```

Border

The CSS property to change the border of an element to YUV 53.1330, 5.3574, 55.1344 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(116, 19, 64) }
```


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

```
.border{ border-color:rgb(116, 19, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 19, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 19, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 19, 64);  
box-shadow:4px 4px 4px 4px rgb(116, 19,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 53.1330, 5.3574, 55.1344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 19, 64) }
```

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

```
.background{ background-color: rgb(116, 19,  
64) }
```

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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