

# Converting Colors

YUV(55.0140, 2.4581, 51.7307)

Have a look what the booklet for  
YUV(55.0140, 2.4581, 51.7307)  
contains.

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# Color

**YUV(55.0140, 2.4581,  
51.7307)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72183C
RGB	114, 24, 60
RGB Percent	45%, 9%, 24%
CMY	0.5529, 0.9059, 0.7647
CMYK	0.00, 0.79, 0.47, 0.55
HSL	336°, 65%, 27%
HSV	336°, 79%, 45%
XYZ	8.0817, 4.5569, 4.7286
YIQ	55.0140, 42.0840, 30.2760

# Conversions

## Conversions Part 2

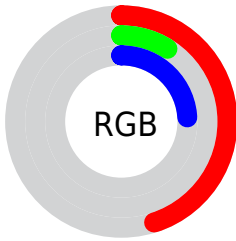
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 24, 60
Decimal	7477308
CIE <sub>Lab</sub>	25.43, 41.27, 1.14
CIE <sub>LCh</sub>	25, 41.290, 1.578
Yxy	4.5569, 0.4653, 0.2624
Android (android.graphics.Color)	4285667388 (0xFF72183C)
YUV	55.0140, 2.4581, 51.7307
Hunter-Lab	21.3469, 30.2206, 1.8095

# Details

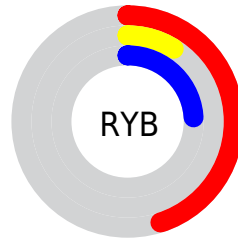
The YUV color **55.0140, 2.4581, 51.7307** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **82.9860, -2.4581, -51.7307**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.2270, -0.6049, 54.1749**, and **20.2910, -1.1295, 35.7018** is the 20% darker color. If you saturate the color by 10%, you get **47.7590, 2.5838, 58.0934**, and if you desaturate by 10%, it is **62.2690, 2.3324, 45.3681**.

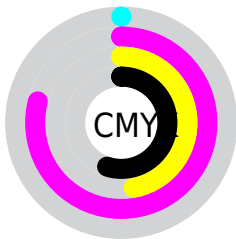
# Distribution



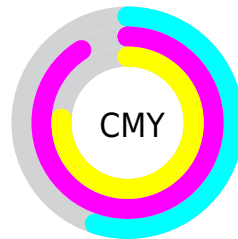
- Red (45%)
- Green (9%)
- Blue (24%)



- Red (45%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (79%)
- Yellow (47%)
- Black (55%)



- Cyan (55%)
- Magenta (91%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 55.0140, 2.4581, 51.7307 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 55.0140, 2.4581, 51.7307 by changing the saturation by 10% instead.



■ 55.0140, 2.4581,  
51.7307

■ 55.0140, 2.4581,  
51.7307

■ 255.0000, 0.0000,  
0.0000

■ 30.3450, 3.7739,  
49.6864

■ 108.2270, -0.6049,  
54.1749

■ 20.2910, -1.1295,  
35.7018

■ 134.7110, -1.3365,  
55.5045

■ 10.5790, -4.7224,  
21.4172

■ 161.9070, -1.9262,  
57.9636

■ 0.0000, 0.0000,  
0.0000

■ 188.9070, -1.9262,  
57.9636

■ 208.5350, 2.2012,  
40.7498

■ 228.1630, 6.3286,

23.5360

246.7820, 4.0515,  
7.2072

55.0140, 2.4581,  
51.7307

55.0140, 2.4581,  
51.7307

47.7590, 2.5838,  
58.0934

62.2690, 2.3324,  
45.3681

39.9170, 2.9989,  
64.9708

70.1110, 1.9173,  
38.4907

39.3300, 3.2883,  
65.4856

77.3660, 1.7916,  
32.1280

85.0940, 0.9397,  
25.3506

92.3490, 0.8139,  
18.9879

■ 99.6040, 0.6882,  
12.6253

■ 107.4460, 0.2731,  
5.7479

■ 114.7010, 0.1474,  
-0.6148

■ 122.5430, -0.2677,  
-7.4922

# Harmonies

## Analogous

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



60.2210, 15.1740, 33.1322



55.0140, 2.4581, 51.7307



55.5780, -13.1030, 49.4821

# Triad

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



55.0140, 2.4581, 51.7307



52.1750, -25.7223, -9.8005



54.7870, 29.6850, -48.0482

# Complementary

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



55.0140, 2.4581, 51.7307



82.9860, -2.4581, -51.7307

# 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.



53.9260, 18.7705, -47.2931



55.0140, 2.4581, 51.7307



45.4560, -8.6058, -39.8649

# Square

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



55.0140, 2.4581, 51.7307



56.4600, -27.8348, 14.5056



50.3920, 5.2297, -44.1938



51.5900, 35.2051, -45.2444



# Rectangle

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



55.0140, 2.4581, 51.7307



56.4770, -23.4062, 40.8007



50.3920, 5.2297, -44.1938



54.6900, 26.7748, -47.9631

# Sweetspot

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



55.0140, 2.4581, 51.7307



124.4740, 1.2453, 20.6323



50.4060, 31.3518, 24.1999



60.1910, 0.3988, 12.1105



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.



55.0140, 2.4581, 51.7307



55.6570, 4.1131, 80.9848



56.1930, -15.8711, 50.6967



52.1360, 0.4260, 3.3887



41.3520, 3.2775, 68.9743



85.1390, 6.8335, 141.9521



# Inverse Universe

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



55.0140, 2.4581, 51.7307



55.6570, 4.1131, 80.9848



81.8070, 15.8711, -50.6967



52.1360, 0.4260, 3.3887



41.3520, 3.2775, 68.9743

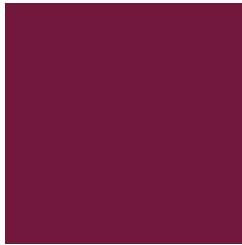


85.1390, 6.8335, 141.9521



# Previews

## White Background



This preview shows how the YUV color 55.0140, 2.4581, 51.7307 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

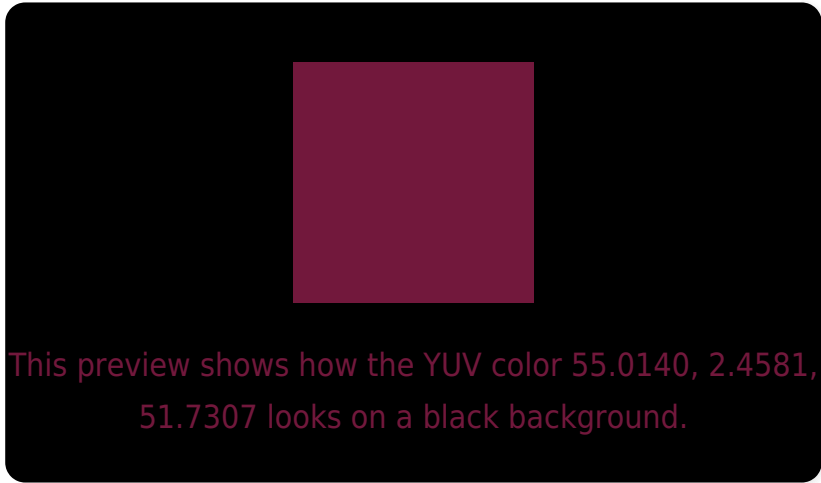
Any Text WCAG AA ✓ Pass

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 55.0140, 2.4581, 51.7307

## Background



This preview shows how black text looks on a background with the YUV color 55.0140, 2.4581, 51.7307.



This preview shows how white text looks on a background with the YUV color 55.0140, 2.4581, 51.7307.



# 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

55.0140, 2.4581, 51.7307

### Protanopia

62.0840, 9.3256, -4.4587

### Deuteranopia

62.5340, -3.2213, 6.5477



## Tritanopia

56.3330, -11.5032, 49.6970

# Trichromacy



## Original Color

55.0140, 2.4581, 51.7307

## Protanomaly

59.8200, 6.4977, 15.9439

## Deuteranomaly

59.8010, -1.3809, 22.9765

## Tritanomaly

55.7120, -6.2670, 50.2416

# Monochromacy



## Original Color

55.0140, 2.4581, 51.7307

## Achromatopsia

55.0000, 0.0000, 0.0000

## Achromatomaly

55.0500, 0.9614, 18.3732

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 55.0140, 2.4581, 51.7307 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(114, 24, 60)` looks like.

```
.text, #text, p{  
    color:rgb(114, 24, 60)  
}
```

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(114, 24, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 24, 60) }
```

## Border

The CSS property to change the border of an element to YUV 55.0140, 2.4581, 51.7307 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(114, 24, 60) }
```



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

```
.border{ border-color:rgb(114, 24, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 24, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 24, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 24, 60);  
box-shadow:4px 4px 4px 4px rgb(114, 24,  
60) }
```

# Background

The CSS property to change the background color of an element to YUV 55.0140, 2.4581, 51.7307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 24, 60) }
```

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

```
.background{ background-color: rgb(114, 24,  
60) }
```

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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