

Converting Colors

YUV(63.9040, 15.8233, 11.4852)

Have a look what the booklet for
YUV(63.9040, 15.8233, 11.4852)
contains.

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Color

**YUV(63.9040, 15.8233,
11.4852)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3360
RGB	77, 51, 96
RGB Percent	30%, 20%, 38%
CMY	0.6980, 0.8000, 0.6235
CMYK	0.20, 0.47, 0.00, 0.62
HSL	275°, 31%, 29%
HSV	275°, 47%, 38%
XYZ	6.3557, 4.7900, 11.6559
YIQ	63.9040, 1.0510, 19.5070

Conversions

Conversions Part 2

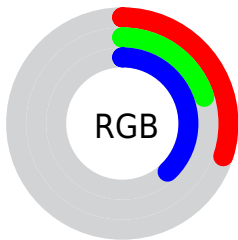
Format	Color
R_YB	77, 51, 96
Decimal	5059424
CIE Lab	26.13, 21.36, -22.33
CIE LCh	26, 30.901, 313.728
Yxy	4.7900, 0.2787, 0.2101
Android (android.graphics.Color)	4283249504 (0xFF4D3360)
YUV	63.9040, 15.8233, 11.4852
Hunter-Lab	21.8860, 13.5361, -16.2561

Details

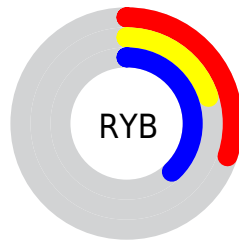
The YUV color **63.9040, 15.8233, 11.4852** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **83.0960, -15.8233, -11.4852**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.2570, 17.1283, 12.9296**, and **18.9640, 14.8077, 10.5556** is the 20% darker color. If you saturate the color by 10%, you get **56.8380, 19.3069, 14.1741**, and if you desaturate by 10%, it is **70.9700, 12.3398, 8.7963**.

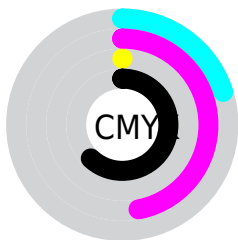
Distribution



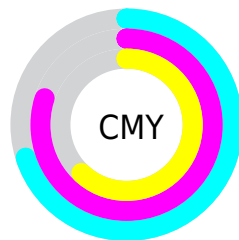
- Red (30%)
- Green (20%)
- Blue (38%)



- Red (30%)
- Yellow (20%)
- Blue (38%)



- Cyan (20%)
- Magenta (47%)
- Yellow (0%)
- Black (62%)



- Cyan (70%)
- Magenta (80%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.9040, 15.8233, 11.4852 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 63.9040, 15.8233, 11.4852 by changing the saturation by 10% instead.

■ 63.9040, 15.8233,
11.4852

■ 63.9040, 15.8233,
11.4852

■ 255.0000, 0.0000,
0.0000

■ 41.0780, 15.2445,
10.4556

■ 112.2570, 17.1283,
12.9296

■ 18.9640, 14.8077,
10.5556

■ 137.6700, 17.4177,
13.4444

■ 3.1920, 12.2303,
-2.7994

■ 164.1970, 18.1439,
13.8592

■ 0.0000, 0.0000,
0.0000

■ 191.6100, 18.4333,
14.3740

■ 219.0940, 17.7017,
15.7036

■ 241.4990, 6.6560,

11.8404

■ 63.9040, 15.8233,
11.4852

■ 63.9040, 15.8233,
11.4852

■ 56.8380, 19.3069,
14.1741

■ 70.9700, 12.3398,
8.7963

■ 50.3590, 22.5010,
16.3482

■ 77.4490, 9.1456,
6.6222

■ 43.2930, 25.9846,
19.0370

■ 84.5150, 5.6621,
3.9333

■ 36.8140, 29.1787,
21.2111

■ 90.9940, 2.4680,
1.7593

■ 29.7480, 32.6622,
23.9000

■ 98.0600, -1.0156,
-0.9296

■ 27.3890, 33.8252,
24.2148

■ 105.1260, -4.4991,
-3.6185

■ 111.6050, -7.6933,
-5.7926

■ 118.6710,
-11.1768, -8.4815

■ 125.1500,
-14.3709, -10.6555

Harmonies

Analogous

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



59.4810, 23.9199, -18.8388



63.9040, 15.8233, 11.4852



62.6200, 6.5963, 31.0283

Triad

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



63.9040, 15.8233, 11.4852



59.8830, -22.6203, 22.0276



51.0590, 10.3239, -44.7787

Complementary

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



63.9040, 15.8233, 11.4852



83.0960, -15.8233, -11.4852

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.



47.7360, 0.1302, -41.8645



63.9040, 15.8233, 11.4852



58.0720, -22.7135, 5.1989

Square

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



63.9040, 15.8233, 11.4852



60.9090, -15.2381, 34.2828



54.8290, -14.2127, -14.7590



52.9800, 20.2229, -46.4635

Rectangle

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



63.9040, 15.8233, 11.4852



61.4160, -0.6981, 37.3462



54.8290, -14.2127, -14.7590



50.1470, 6.8295, -43.9789

Sweetspot

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



63.9040, 15.8233, 11.4852



112.3410, 6.2409, 4.9629



67.8700, 13.8681, -14.7950



56.0480, 3.9203, 2.5889



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



63.9040, 15.8233, 11.4852



74.9400, 24.6796, 17.5926



69.2430, 11.7122, 23.4659



45.0540, 1.4524, 0.8296



32.2030, 39.3399, 28.7630



68.6220, 84.4894, 60.8445

Inverse Universe

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



66.6210, 1.6658, 25.7654



79.3500, 2.7855, 40.0351



77.7570, -11.7122, -23.4659



45.4240, 0.2840, 2.2592



38.8460, 4.0199, 64.1561



83.2740, 8.7389, 137.4487

Previews

White Background



This preview shows how the YUV color 63.9040, 15.8233, 11.4852 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



This preview shows how the YUV color 63.9040, 15.8233, 11.4852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

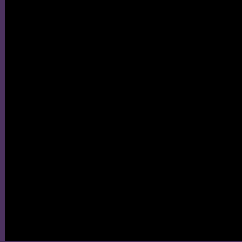
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.9040, 15.8233, 11.4852

Background



This preview shows how black text looks on a background with the YUV color 63.9040, 15.8233, 11.4852.



This preview shows how white text looks on a background with the YUV color 63.9040, 15.8233,

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

63.9040, 15.8233, 11.4852

Protanopia

60.9330, 21.7250, -14.8502

Deuteranopia

61.1630, 16.1886, -12.4210



Tritanopia

63.3430, -0.1691, 7.5922

Trichromacy



Original Color

63.9040, 15.8233, 11.4852

Protanomaly

61.8310, 19.8033, -5.1138

Deuteranomaly

62.2180, 16.1615, -3.6992

Tritanomaly

63.5480, 5.6458, 9.1664

Monochromacy



Original Color

63.9040, 15.8233, 11.4852

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9280, 5.9515, 4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9040, 15.8233, 11.4852 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(77, 51, 96)` looks like.

```
.text, #text, p{  
    color:rgb(77, 51, 96)  
}
```

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(77, 51, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 51, 96) }
```

Border

The CSS property to change the border of an element to YUV 63.9040, 15.8233, 11.4852 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(77, 51, 96) }
```


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

```
.border{ border-color:rgb(77, 51, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 51, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 51, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 51, 96);  
box-shadow:4px 4px 4px 4px rgb(77, 51, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.9040, 15.8233, 11.4852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 51, 96) }
```

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

```
.background{ background-color: rgb(77, 51,  
96) }
```

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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