

Converting Colors

YUV(54.1440, 11.7610, 7.7667)

Have a look what the booklet for
YUV(54.1440, 11.7610, 7.7667)
contains.

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Color

**YUV(54.1440, 11.7610,
7.7667)**

Conversions

Conversions Part 1

Format	Color
Hex	3F2D4E
RGB	63, 45, 78
RGB Percent	25%, 18%, 31%
CMY	0.7529, 0.8235, 0.6941
CMYK	0.19, 0.42, 0.00, 0.69
HSL	273°, 27%, 24%
HSV	273°, 42%, 31%
XYZ	4.3634, 3.4836, 7.6501
YIQ	54.1440, 0.1350, 14.0790

Conversions

Conversions Part 2

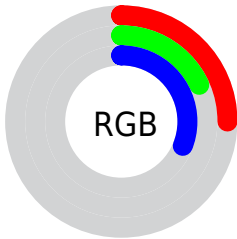
Format	Color
R_{YB}	63, 45, 78
Decimal	4140366
CIE _{Lab}	21.88, 15.74, -17.21
CIE _{LCh}	22, 23.319, 312.440
Yxy	3.4836, 0.2816, 0.2248
Android (android.graphics.Color)	4282330446 (0xFF3F2D4E)
YUV	54.1440, 11.7610, 7.7667
Hunter-Lab	18.6644, 9.0677, -11.2367

Details

The YUV color **54.1440, 11.7610, 7.7667** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **68.8560, -11.7610, -7.7667**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.0840, 12.7766, 8.6963**, and **10.4540, 11.6082, 10.1258** is the 20% darker color. If you saturate the color by 10%, you get **48.2520, 14.6658, 9.4260**, and if you desaturate by 10%, it is **60.0360, 8.8563, 6.1074**.

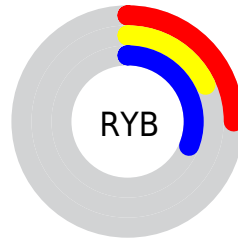
Distribution



 Red (25%)

 Green (18%)

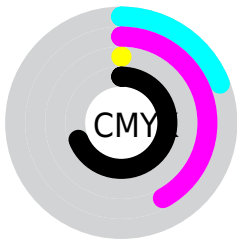
 Blue (31%)



 Red (25%)

 Yellow (18%)

 Blue (31%)

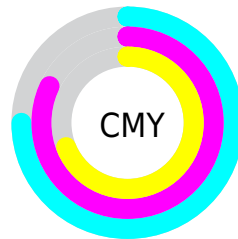


 Cyan (19%)

 Magenta (42%)

 Yellow (0%)

 Black (69%)



 Cyan (75%)

 Magenta (82%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.1440, 11.7610, 7.7667 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 54.1440, 11.7610, 7.7667 by changing the saturation by 10% instead.

■ 54.1440, 11.7610,
7.7667

■ 54.1440, 11.7610,
7.7667

■ 255.0000, 0.0000,
0.0000

■ 32.3180, 11.1822,
6.7371

■ 101.0840, 12.7766,
8.6963

■ 10.4540, 11.6082,
10.1258

■ 126.4970, 13.0660,
9.2111

■ 0.9120, 3.4944,
-0.7998

■ 152.0240, 13.7922,
9.6260

■ 0.0000, 0.0000,
0.0000

■ 179.4370, 14.0816,
10.1408

■ 206.8500, 14.3710,
10.6556

■ 233.8240, 10.4398,

11.5554

253.2390, 0.8682,
1.5444

■ 54.1440, 11.7610,
7.7667

■ 54.1440, 11.7610,
7.7667

■ 48.2520, 14.6658,
9.4260

■ 60.0360, 8.8563,
6.1074

■ 42.6590, 17.4231,
11.7001

■ 65.6290, 6.0989,
3.8334

■ 37.3540, 20.0385,
12.8445

■ 70.9340, 3.4835,
2.6889

■ 31.7610, 22.7958,
15.1186

■ 76.5270, 0.7262,
0.4148

■ 25.8690, 25.7006,
16.7779

■ 82.4190, -2.1786,
-1.2445

■ 21.7490, 27.7317,
18.6371

■ 88.0120, -4.9359,
-3.5185

■ 93.9040, -7.8407,
-5.1778

■ 98.9100, -10.3086,
-6.9371

■ 104.8020,
-13.2134, -8.5964

Harmonies

Analogous

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



51.0920, 17.2096, -13.2357



54.1440, 11.7610, 7.7667



53.6960, 4.5869, 22.1916

Triad

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



54.1440, 11.7610, 7.7667



51.5710, -16.0575, 17.0392



42.5330, 8.1182, -37.3014

Complementary

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



54.1440, 11.7610, 7.7667



68.8560, -11.7610, -7.7667

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.



41.9870, -0.4866, -30.6836



54.1440, 11.7610, 7.7667



50.3800, -16.4563, 4.9287

Square

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



54.1440, 11.7610, 7.7667



52.2930, -10.9904, 25.1760



47.7740, -10.7346, -10.3258



43.7700, 15.3964, -38.3863

Rectangle

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



54.1440, 11.7610, 7.7667



53.3500, -0.6655, 26.8801



47.7740, -10.7346, -10.3258



41.8490, 5.4974, -36.7016

Sweetspot

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



54.1440, 11.7610, 7.7667



92.5750, 4.6465, 3.0037



57.5670, 10.0735, -11.0213



45.1080, 2.9048, 1.6593



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



54.1440, 11.7610, 7.7667



64.3000, 18.5861, 12.0149



58.5150, 9.1131, 17.0883



35.3530, 1.3050, 1.4444



28.3720, 36.2986, 24.2298



63.5950, 82.0377, 53.8522

Inverse Universe

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



56.5770, 1.6875, 18.7880



68.2840, 2.8180, 29.5689



64.4850, -9.1131, -17.0883



35.4240, 0.2840, 2.2592



35.7420, 5.0572, 58.1083



80.6260, 11.5234, 131.0010

Previews

White Background



This preview shows how the YUV color 54.1440, 11.7610, 7.7667 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 54.1440, 11.7610, 7.7667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

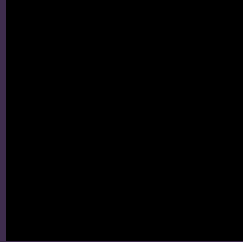
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.1440, 11.7610, 7.7667

Background



This preview shows how black text looks on a background with the YUV color 54.1440, 11.7610, 7.7667.



This preview shows how white text looks on a background with the YUV color 54.1440, 11.7610,

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

54.1440, 11.7610, 7.7667

Protanopia

52.3590, 15.5990, -9.9618

Deuteranopia

52.1590, 12.2466, -8.0324



Tritanopia

53.1470, 0.4205, 5.1331

Trichromacy



Original Color

54.1440, 11.7610, 7.7667

Protanomaly

52.7620, 14.4143, -3.2993

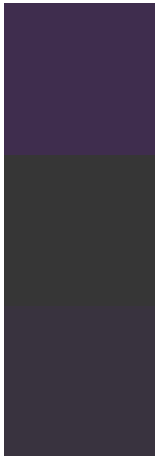
Deuteranomaly

52.4910, 12.0829, -2.1846

Tritanomaly

53.2980, 4.7831, 5.8777

Monochromacy



Original Color

54.1440, 11.7610, 7.7667

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.1620, 4.3571, 2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.1440, 11.7610, 7.7667 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(63, 45, 78)` looks like.

```
.text, #text, p{  
    color:rgb(63, 45, 78)  
}
```

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(63, 45, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 45, 78) }
```

Border

The CSS property to change the border of an element to YUV 54.1440, 11.7610, 7.7667 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(63, 45, 78) }
```


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

```
.border{ border-color:rgb(63, 45, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 45, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 45, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 45, 78);  
box-shadow:4px 4px 4px 4px rgb(63, 45, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.1440, 11.7610, 7.7667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 45, 78) }
```

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

```
.background{ background-color: rgb(63, 45,  
78) }
```

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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