

Converting Colors

YUV(54.0840, 12.7766, 8.6963)

Have a look what the booklet for
YUV(54.0840, 12.7766, 8.6963)
contains.

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Color

**YUV(54.0840, 12.7766,
8.6963)**

Conversions

Conversions Part 1

Format	Color
Hex	402C50
RGB	64, 44, 80
RGB Percent	25%, 17%, 31%
CMY	0.7490, 0.8275, 0.6863
CMYK	0.20, 0.45, 0.00, 0.69
HSL	273°, 29%, 24%
HSV	273°, 45%, 31%
XYZ	4.4630, 3.4705, 8.0241
YIQ	54.0840, 0.3640, 15.4360

Conversions

Conversions Part 2

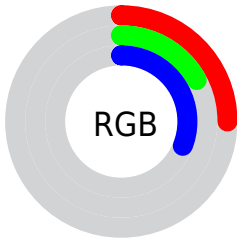
Format	Color
RYB	64, 44, 80
Decimal	4205648
CIELab	21.84, 17.29, -18.61
CIELCh	22, 25.406, 312.891
Yxy	3.4705, 0.2797, 0.2175
Android (android.graphics.Color)	4282395728 (0xFF402C50)
YUV	54.0840, 12.7766, 8.6963
Hunter-Lab	18.6294, 10.1614, -12.4969




Details

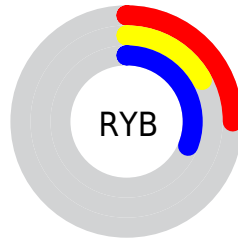
The YUV color **54.0840, 12.7766, 8.6963** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **69.9160, -12.7766, -8.6963**, and the grayscale version is **54.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **101.3230, 13.6448, 10.2407**, and **10.9810, 12.3344, 10.5407** is the 20% darker color. If you saturate the color by 10%, you get **48.1920, 15.6813, 10.3556**, and if you desaturate by 10%, it is **59.9760, 9.8718, 7.0370**.

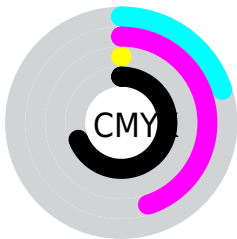
Distribution







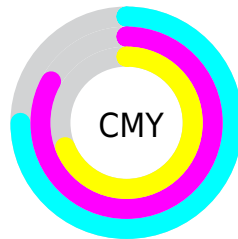
-  Red (25%)
-  Green (17%)
-  Blue (31%)






-  Red (25%)
-  Yellow (17%)
-  Blue (31%)



-  Cyan (20%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (75%)
-  Magenta (83%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.0840, 12.7766, 8.6963 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 54.0840, 12.7766, 8.6963 by changing the saturation by 10% instead.

■ 54.0840, 12.7766,
8.6963

■ 54.0840, 12.7766,
8.6963

■ 255.0000, 0.0000,
0.0000

■ 32.2580, 12.1978,
7.6667

■ 101.3230, 13.6448,
10.2407

■ 10.9810, 12.3344,
10.5407

■ 126.5510, 14.5184,
10.0408

■ 1.2540, 4.8048,
-1.0998

■ 152.2630, 14.6603,
11.1703

■ 0.0000, 0.0000,
0.0000

■ 179.3770, 15.0971,
11.0704

■ 206.7900, 15.3865,
11.5852

■ 233.8350, 10.4343,

13.2997

252.6520, 1.1576,
2.0592

54.0840, 12.7766,
8.6963

54.0840, 12.7766,
8.6963

48.1920, 15.6813,
10.3556

59.9760, 9.8718,
7.0370

42.5990, 18.4387,
12.6297

65.5690, 7.1145,
4.7630

36.7070, 21.3434,
14.2890

71.4610, 4.2097,
3.1037

31.1140, 24.1008,
16.5630

77.0540, 1.4524,
0.8296

25.2220, 27.0056,
18.2223

82.9460, -1.4524,
-0.8296

■ 22.2760, 28.4579,
19.0519

■ 88.5390, -4.2097,
-3.1037

■ 94.4310, -7.1145,
-4.7630

■ 100.0240, -9.8718,
-7.0370

■ 105.9160,
-12.7766, -8.6963

Harmonies

Analogous

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



50.8360, 18.8149, -14.7652



54.0840, 12.7766, 8.6963



53.2340, 5.3076, 24.3508

Triad

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



54.0840, 12.7766, 8.6963



50.8270, -17.6627, 18.5687



43.2340, 8.2656, -37.9162

Complementary

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



54.0840, 12.7766, 8.6963



69.9160, -12.7766, -8.6963

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.



40.4810, 0.2559, -35.5018



54.0840, 12.7766, 8.6963



49.6250, -18.0561, 4.7139

Square

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



54.0840, 12.7766, 8.6963



51.4890, -11.5801, 27.6351



46.8340, -11.7502, -11.2554



44.5850, 15.9806, -39.1010

Rectangle

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



54.0840, 12.7766, 8.6963



52.6600, -0.8184, 29.2392



46.8340, -11.7502, -11.2554



42.5500, 5.6449, -37.3163

Sweetspot

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



54.0840, 12.7766, 8.6963



94.1020, 5.3727, 3.4185



57.4960, 11.0945, -11.8360



46.9340, 3.4835, 2.6889



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



54.0840, 12.7766, 8.6963



63.7670, 20.3279, 13.3593



58.6400, 9.5445, 18.7327



38.0540, 1.4524, 0.8296



29.3120, 37.3142, 25.1594



65.0190, 82.3216, 56.1113

Inverse Universe

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



56.5880, 1.6821, 20.5323



67.8930, 2.5178, 32.5428



65.3600, -9.5445, -18.7327



38.4240, 0.2840, 2.2592



36.6390, 4.6150, 59.9526



81.1100, 10.7918, 132.3305

Previews

White Background



This preview shows how the YUV color 54.0840, 12.7766, 8.6963 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 54.0840, 12.7766, 8.6963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

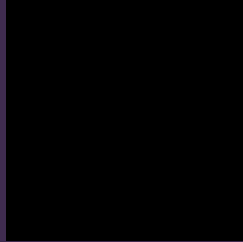
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.0840, 12.7766, 8.6963

Background



This preview shows how black text looks on a background with the YUV color 54.0840, 12.7766, 8.6963.



This preview shows how white text looks on a background with the YUV color 54.0840, 12.7766,

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

54.0840, 12.7766, 8.6963

Protanopia

51.2170, 17.6410, -11.5913

Deuteranopia

51.6750, 12.9782, -9.3620



Tritanopia

53.4460, 0.2731, 5.7479

Trichromacy



Original Color

54.0840, 12.7766, 8.6963

Protanomaly

51.8050, 15.8721, -4.2140

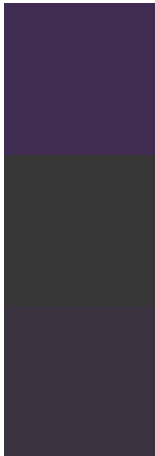
Deuteranomaly

52.4200, 13.1039, -2.9993

Tritanomaly

53.5970, 4.6357, 6.4924

Monochromacy



Original Color

54.0840, 12.7766, 8.6963

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8740, 4.4991, 3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.0840, 12.7766, 8.6963 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(64, 44, 80)` looks like.

```
.text, #text, p{  
    color:rgb(64, 44, 80)  
}
```

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(64, 44, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 44, 80) }
```

Border

The CSS property to change the border of an element to YUV 54.0840, 12.7766, 8.6963 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(64, 44, 80) }
```


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

```
.border{ border-color:rgb(64, 44, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 44, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 44, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 44, 80);  
box-shadow:4px 4px 4px 4px rgb(64, 44, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.0840, 12.7766, 8.6963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 44, 80) }
```

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

```
.background{ background-color: rgb(64, 44,  
80) }
```

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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