

# Converting Colors

YUV(54.5060, 12.5685,  
-17.9838)

Have a look what the booklet for  
YUV(54.5060, 12.5685, -17.9838)  
contains.

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# Color

**YUV(54.5060, 12.5685,  
-17.9838)**

# Conversions

## Conversions Part 1

Format	Color
Hex	223C50
RGB	34, 60, 80
RGB Percent	13%, 24%, 31%
CMY	0.8667, 0.7647, 0.6863
CMYK	0.58, 0.25, 0.00, 0.69
HSL	206°, 40%, 22%
HSV	206°, 57%, 31%
XYZ	3.7235, 4.1510, 8.1944
YIQ	54.5060, -21.9160, 0.7080

# Conversions

## Conversions Part 2

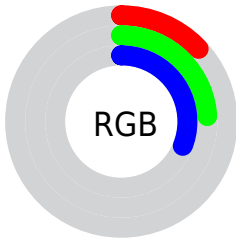
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 51, 80
Decimal	2243664
CIE Lab	24.16, -3.31, -15.19
CIE LCh	24, 15.547, 257.715
Yxy	4.1510, 0.2317, 0.2583
Android (android.graphics.Color)	4280433744 (0xFF223C50)
YUV	54.5060, 12.5685, -17.9838
Hunter-Lab	20.3740, -3.0321, -9.5846

# Details

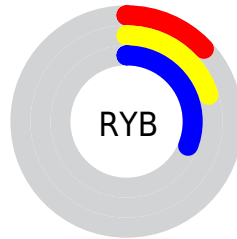
The YUV color **54.5060, 12.5685, -17.9838** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **59.4940, -12.5685, 17.9838**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.0330, 13.2947, -17.5689**, and **14.5560, 10.0789, -12.7656** is the 20% darker color. If you saturate the color by 10%, you get **50.3530, 14.6160, -21.3576**, and if you desaturate by 10%, it is **58.6590, 10.5211, -14.6099**.

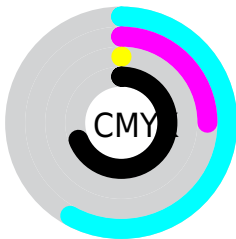
# Distribution



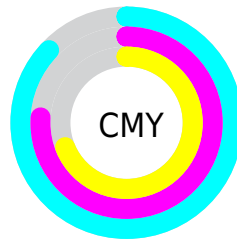
- Red (13%)
- Green (24%)
- Blue (31%)



- Red (13%)
- Yellow (20%)
- Blue (31%)



- Cyan (58%)
- Magenta (25%)
- Yellow (0%)
- Black (69%)



- Cyan (87%)
- Magenta (76%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 54.5060, 12.5685, -17.9838 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 54.5060, 12.5685, -17.9838 by changing the saturation by 10% instead.



■ 54.5060, 12.5685,  
-17.9838

■ 54.5060, 12.5685,  
-17.9838

■ 255.0000, 0.0000,  
0.0000

■ 31.1960, 12.7214,  
-20.3429

■ 102.0330, 13.2947,  
-17.5689

■ 14.5560, 10.0789,  
-12.7656

■ 127.1470, 13.7315,  
-17.6689

■ 1.3680, 5.2416,  
-1.1997

■ 153.2610, 14.1683,  
-17.7689

■ 0.0000, 0.0000,  
0.0000

■ 180.3750, 14.6051,  
-17.8689

■ 208.0760, 14.7525,  
-18.4837

■ 234.8220, 9.9478,

-17.3839

251.7110, 1.6215,  
-6.7625

54.5060, 12.5685,  
-17.9838

54.5060, 12.5685,  
-17.9838

50.3530, 14.6160,  
-21.3576

58.6590, 10.5211,  
-14.6099

45.6130, 16.9528,  
-24.2166

63.3990, 8.1843,  
-11.7509

41.4600, 19.0002,  
-27.5904

67.5520, 6.1369,  
-8.3771

36.7200, 21.3370,  
-30.4494

72.2920, 3.8000,  
-5.5181

35.5350, 21.9212,  
-31.1642

76.4450, 1.7526,  
-2.1443

■ 81.1850, -0.5842,  
0.7148

■ 85.3380, -2.6316,  
4.0886

■ 90.0780, -4.9685,  
6.9476

■ 94.2310, -7.0159,  
10.3214

# Harmonies

## Analogous

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



51.0980, 11.2907, -28.1499



54.5060, 12.5685, -17.9838



57.5400, 11.0728, -4.8586

# Triad

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



54.5060, 12.5685, -17.9838



58.7960, -3.8434, 19.4729



54.5230, -6.6668, -8.3517

# Complementary

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



54.5060, 12.5685, -17.9838



59.4940, -12.5685, 17.9838

# 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.



55.9650, -10.3357, 1.7847



54.5060, 12.5685, -17.9838



57.9330, -8.3480, 17.5988

# Square

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



54.5060, 12.5685, -17.9838



58.9680, 1.9878, 15.8141



57.2050, -10.9471, 11.2212



52.1780, -0.0878, -18.5731



# Rectangle

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



54.5060, 12.5685, -17.9838



58.6120, 8.5723, 3.8483



57.2050, -10.9471, 11.2212



55.2030, -7.9881, -4.5630

# Sweetspot

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



54.5060, 12.5685, -17.9838



94.9220, 4.9685, -6.9476



63.2820, -4.5760, -25.6803



47.7760, 3.0684, -4.1886



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.



54.5060, 12.5685, -17.9838



64.3890, 20.0212, -28.4052



41.0050, 19.2245, -6.1434



38.6300, 1.1684, -1.4295



46.6030, 28.7897, -40.8708



103.3450, 63.4269, -90.6336



# Inverse Universe

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



50.7180, 4.5760, 25.6803



58.5010, 7.1480, 40.7796



72.9950, -19.2245, 6.1434



38.4240, 0.2840, 2.2592



38.1210, 10.2933, 58.6529

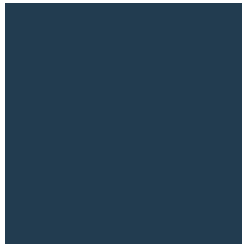


84.3020, 23.0221, 129.5311



# Previews

## White Background



This preview shows how the YUV color 54.5060, 12.5685, -17.9838 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 54.5060, 12.5685, -17.9838 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

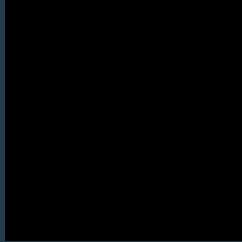
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

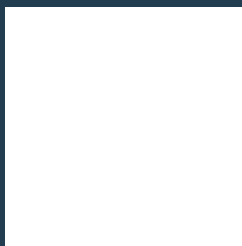
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 54.5060, 12.5685, -17.9838

## Background



This preview shows how black text looks on a background with the YUV color 54.5060, 12.5685, -17.9838.



This preview shows how white text looks on a background with the YUV color 54.5060, 12.5685, -17.9838.

-17.9838.

# 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

54.5060, 12.5685, -17.9838

### Protanopia

57.4860, 9.6204, -5.6882

### Deuteranopia

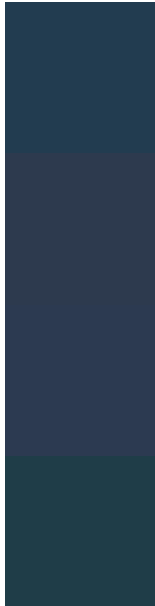
57.3440, 11.6624, -7.3177



## Tritanopia

52.7030, 7.0484, -20.7875

# Trichromacy



## Original Color

54.5060, 12.5685, -17.9838

## Protanomaly

56.3930, 10.6523, -9.9917

## Deuteranomaly

56.4360, 12.1101, -10.9064

## Tritanomaly

53.2840, 9.2270, -19.5431

# Monochromacy



## Original Color

54.5060, 12.5685, -17.9838

## Achromatopsia

55.0000, 0.0000, 0.0000

## Achromatomaly

54.8080, 4.5317, -6.8476

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 54.5060, 12.5685, -17.9838 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(34, 60, 80)` looks like.

```
.text, #text, p{  
    color:rgb(34, 60, 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(34, 60, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 60, 80) }
```

## Border

The CSS property to change the border of an element to YUV 54.5060, 12.5685, -17.9838 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(34, 60, 80) }
```



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

```
.border{ border-color:rgb(34, 60, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 60, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 60, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 60, 80);  
box-shadow:4px 4px 4px 4px rgb(34, 60, 80)  
}
```

# Background

The CSS property to change the background color of an element to YUV 54.5060, 12.5685, -17.9838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 60, 80) }
```

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

```
.background{ background-color: rgb(34, 60,  
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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