

# Converting Colors

YUV(54.1830, 26.0388, 1.5935)

Have a look what the booklet for  
YUV(54.1830, 26.0388, 1.5935)  
contains.

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# Color

**YUV(54.1830, 26.0388,  
1.5935)**

# Conversions

## Conversions Part 1

Format	Color
Hex	382B6B
RGB	56, 43, 107
RGB Percent	22%, 17%, 42%
CMY	0.7804, 0.8314, 0.5804
CMYK	0.48, 0.60, 0.00, 0.58
HSL	252°, 43%, 29%
HSV	252°, 60%, 42%
XYZ	5.1486, 3.6300, 14.3392
YIQ	54.1830, -12.7960, 22.6600

# Conversions

## Conversions Part 2

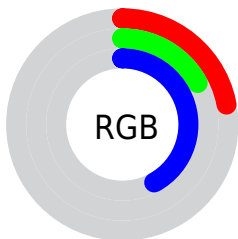
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 43, 107
Decimal	3681131
CIE <sub>Lab</sub>	22.41, 23.63, -35.53
CIE <sub>LCh</sub>	22, 42.673, 303.626
Yxy	3.6300, 0.2227, 0.1570
Android (android.graphics.Color)	4281871211 (0xFF382B6B)
YUV	54.1830, 26.0388, 1.5935
Hunter-Lab	19.0527, 14.8939, -31.2854

# Details

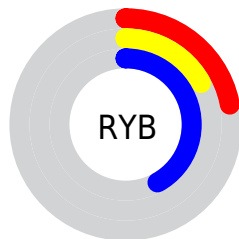
The YUV color **54.1830, 26.0388, 1.5935** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **95.8170, -26.0388, -1.5935**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.3620, 27.9225, 4.0675**, and **8.8190, 24.7392, -1.5953** is the 20% darker color. If you saturate the color by 10%, you get **45.0350, 30.5487, 1.7233**, and if you desaturate by 10%, it is **63.3310, 21.5288, 1.4637**.

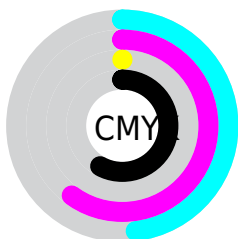
# Distribution



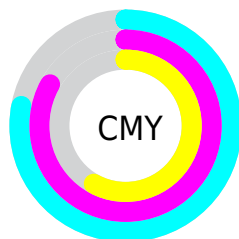
- Red (22%)
- Green (17%)
- Blue (42%)



- Red (22%)
- Yellow (17%)
- Blue (42%)



- Cyan (48%)
- Magenta (60%)
- Yellow (0%)
- Black (58%)



- Cyan (78%)
- Magenta (83%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 54.1830, 26.0388, 1.5935 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 54.1830, 26.0388, 1.5935 by changing the saturation by 10% instead.



■ 54.1830, 26.0388,  
1.5935

■ 54.1830, 26.0388,  
1.5935

■ 255.0000, 0.0000,  
0.0000

■ 31.2320, 25.0286,  
-1.0805

■ 102.3620, 27.9225,  
4.0675

■ 8.8190, 24.7392,  
-1.5953

■ 127.8890, 28.6487,  
4.4823

■ 5.2780, 15.1459,  
-4.6288

■ 153.8290, 29.6643,  
5.4120

■ 1.3680, 5.2416,  
-1.1997

■ 181.3560, 30.3905,  
5.8268

■ 0.0000, 0.0000,  
0.0000

■ 206.9450, 23.6911,  
7.9412

■ 232.0520, 11.3134,

11.3554

251.4780, 1.7363,  
3.0888

54.1830, 26.0388,  
1.5935

54.1830, 26.0388,  
1.5935

45.0350, 30.5487,  
1.7233

63.3310, 21.5288,  
1.4637

36.7730, 34.6219,  
1.9531

71.5930, 17.4557,  
1.2339

27.6250, 39.1319,  
2.0829

80.7410, 12.9457,  
1.1041

18.7760, 43.4944,  
2.8274

89.5900, 8.5831,  
0.3596

98.7380, 4.0732,  
0.2298

■ 107.0000, 0.0000,  
0.0000

■ 116.1480, -4.5100,  
-0.1298

■ 124.9970, -8.8725,  
-0.8744

■ 133.5580,  
-13.0931, -0.4894

# Harmonies

## Analogous

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



46.9110, 35.0469, -41.1409



54.1830, 26.0388, 1.5935



51.5420, 15.0158, 37.2357

# Triad

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



54.1830, 26.0388, 1.5935



50.6780, -24.9843, 33.6084



45.8270, 5.5083, -40.1903

# Complementary

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



54.1830, 26.0388, 1.5935



95.8170, -26.0388, -1.5935

# 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.



40.7770, -8.7641, -35.7614



54.1830, 26.0388, 1.5935



50.8340, -25.0612, 11.5466

# Square

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



54.1830, 26.0388, 1.5935



46.8770, -13.2504, 50.0969



45.0760, -22.2225, -12.3447



49.3610, 19.0490, -43.2896



# Rectangle

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



54.1830, 26.0388, 1.5935



45.5070, 8.1310, 52.1754



45.0760, -22.2225, -12.3447



44.5730, 0.7035, -39.0905

# Sweetspot

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



54.1830, 26.0388, 1.5935



119.3450, 10.1829, 0.5744



80.2330, 13.1961, -32.6533



58.6070, 6.1097, 0.3447



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



54.1830, 26.0388, 1.5935



56.7930, 41.0211, 2.8125



63.7510, 21.3218, 21.2664



48.9830, 2.4734, 0.0149



20.5140, 47.5676, 3.0572



42.8800, 99.6452, 6.2442



# Inverse Universe

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



67.9500, 12.8427, 34.2469



78.4330, 20.4925, 53.9943



86.2490, -21.3218, -21.2664



50.2500, 0.8628, 3.2887



45.5850, 23.3756, 62.6310



95.4850, 49.0609, 131.1247



# Previews

## White Background



This preview shows how the YUV color 54.1830, 26.0388, 1.5935 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 54.1830, 26.0388, 1.5935 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

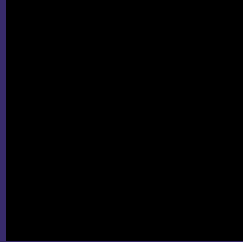
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 54.1830, 26.0388, 1.5935

## Background



This preview shows how black text looks on a background with the YUV color 54.1830, 26.0388, 1.5935.



This preview shows how white text looks on a background with the YUV color 54.1830, 26.0388,



# 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

54.1830, 26.0388, 1.5935

### Protanopia

43.0640, 32.9994, -37.7671

### Deuteranopia

43.2290, 26.0161, -37.9118



## Tritanopia

52.5690, 3.6635, -8.3920

# Trichromacy



## Original Color

54.1830, 26.0388, 1.5935

## Protanomaly

47.1690, 30.4827, -23.8272

## Deuteranomaly

47.3170, 25.9727, -23.9570

## Tritanomaly

53.0670, 11.7990, -4.4438

# Monochromacy



## Original Color

54.1830, 26.0388, 1.5935

## Achromatopsia

54.0000, 0.0000, 0.0000

## Achromatomaly

54.1170, 9.3093, 0.7744

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 54.1830, 26.0388, 1.5935 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(56, 43, 107)` looks like.

```
.text, #text, p{  
    color:rgb(56, 43, 107)  
}
```

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(56, 43, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 43, 107) }
```

## Border

The CSS property to change the border of an element to YUV 54.1830, 26.0388, 1.5935 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(56, 43, 107) }
```



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

```
.border{ border-color:rgb(56, 43, 107) }
```

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

Here you see how a box with a 4 pixel rgb(56, 43, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 43, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 43, 107);  
box-shadow:4px 4px 4px 4px rgb(56, 43,  
107) }
```

# Background

The CSS property to change the background color of an element to YUV 54.1830, 26.0388, 1.5935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 43, 107) }
```

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

```
.background{ background-color: rgb(56, 43,  
107) }
```

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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