

Converting Colors

YUV(53.1970, 4.3399, -38.7608)

Have a look what the booklet for
YUV(53.1970, 4.3399, -38.7608)
contains.

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Color

**YUV(53.1970, 4.3399,
-38.7608)**

Conversions

Conversions Part 1

Format	Color
Hex	094A3E
RGB	9, 74, 62
RGB Percent	4%, 29%, 24%
CMY	0.9647, 0.7098, 0.7569
CMYK	0.88, 0.00, 0.16, 0.71
HSL	169°, 78%, 16%
HSV	169°, 88%, 29%
XYZ	3.4309, 5.3034, 5.4003
YIQ	53.1970, -34.8880, -17.5120

Conversions

Conversions Part 2

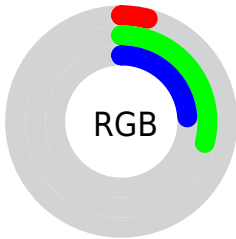
Format	Color
R_{YB}	9, 45, 74
Decimal	608830
CIE _{Lab}	27.58, -22.61, 1.66
CIE _{LCh}	28, 22.671, 175.801
Yxy	5.3034, 0.2427, 0.3752
Android (android.graphics.Color)	4278798910 (0xFF094A3E)
YUV	53.1970, 4.3399, -38.7608
Hunter-Lab	23.0292, -13.7078, 2.2171

Details

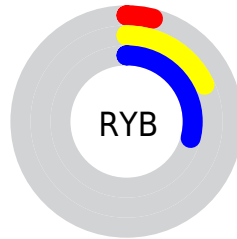
The YUV color **53.1970, 4.3399, -38.7608** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **29.8030, -4.3399, 38.7608**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.0620, 2.4344, -34.2574**, and **20.4770, -0.2352, -17.9583** is the 20% darker color. If you saturate the color by 10%, you get **50.9900, 4.9349, -42.9642**, and if you desaturate by 10%, it is **55.4040, 3.7448, -34.5573**.

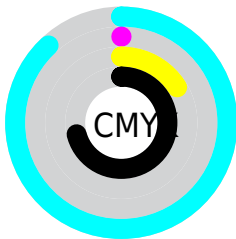
Distribution



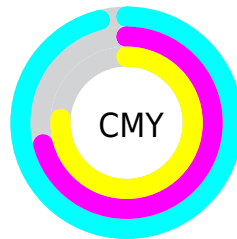
- Red (4%)
- Green (29%)
- Blue (24%)



- Red (4%)
- Yellow (18%)
- Blue (29%)



- Cyan (88%)
- Magenta (0%)
- Yellow (16%)
- Black (71%)



- Cyan (96%)
- Magenta (71%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.1970, 4.3399, -38.7608 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 53.1970, 4.3399, -38.7608 by changing the saturation by 10% instead.

■ 53.1970, 4.3399,
-38.7608

■ 53.1970, 4.3399,
-38.7608

■ 255.0000, 0.0000,
0.0000

■ 34.4970, 2.7130,
-30.2539

■ 104.0620, 2.4344,
-34.2574

■ 20.4770, -0.2352,
-17.9583

■ 130.0620, 2.4344,
-34.2574

■ 0.0000, 0.0000,
0.0000

■ 156.6490, 2.1450,
-34.7722

■ 183.9370, 2.0031,
-35.9017

■ 211.9370, 2.0031,
-35.9017

■ 237.0020, 3.4500,

-33.3278

■ 246.6280, 4.1274,
-17.2138

■ 53.1970, 4.3399,
-38.7608

■ 53.1970, 4.3399,
-38.7608

■ 50.9900, 4.9349,
-42.9642

■ 55.4040, 3.7448,
-34.5573

■ 50.2780, 4.7929,
-44.0938

■ 58.0240, 3.4392,
-29.8390

■ 60.2310, 2.8441,
-25.6356

■ 62.7370, 2.1017,
-20.8173

■ 65.0580, 1.9434,
-16.7139

■ 67.2650, 1.3484,
-12.5104

■ 69.8850, 1.0427,
-7.7921

■ 72.0920, 0.4476,
-3.5887

■ 74.5980, -0.2948,
1.2296

Harmonies

Analogous

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



59.3540, -7.0765, -16.9735



53.1970, 4.3399, -38.7608



52.5580, 13.5289, -46.0934

Triad

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



53.1970, 4.3399, -38.7608



66.1750, 14.7037, -2.7845



64.8860, -13.7478, 22.9020

Complementary

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



53.1970, 4.3399, -38.7608



29.8030, -4.3399, 38.7608

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.



65.6400, -7.2175, 28.3797



53.1970, 4.3399, -38.7608



67.0910, 8.8291, 14.8292

Square

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



53.1970, 4.3399, -38.7608



60.8840, 19.2842, -25.3313



66.3930, 0.7923, 25.9653



63.7230, -16.6254, 12.5209

Rectangle

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



53.1970, 4.3399, -38.7608



53.1110, 18.1863, -46.5783



66.3930, 0.7923, 25.9653



65.0650, -11.8640, 25.3760

Sweetspot

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



53.1970, 4.3399, -38.7608



88.9550, 1.5012, -14.8695



51.0420, -20.7267, -25.4698



43.2870, 1.3375, -9.0217



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



53.1970, 4.3399, -38.7608



65.9450, 6.4361, -57.8338



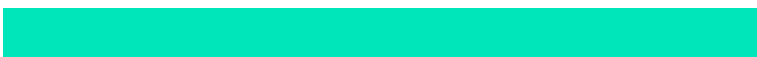
42.8250, 15.3693, -29.6645



36.8040, 0.5896, -2.4591



69.3360, 6.7364, -60.8077



156.3280, 15.1213, -137.0997

Inverse Universe

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



29.8030, -4.3399, 38.7608



31.0550, -6.4361, 57.8338



40.1750, -15.3693, 29.6645



35.3100, -0.1528, 2.3591



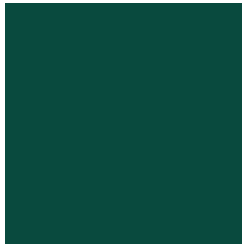
32.6640, -6.7364, 60.8077



73.5580, -15.5581, 137.1996

Previews

White Background



This preview shows how the YUV color 53.1970, 4.3399, -38.7608 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 53.1970, 4.3399, -38.7608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

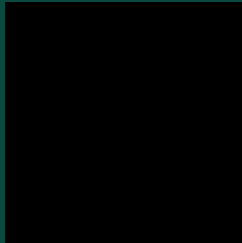
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.1970, 4.3399, -38.7608

Background



This preview shows how black text looks on a background with the YUV color 53.1970, 4.3399, -38.7608.



This preview shows how white text looks on a background with the YUV color 53.1970, 4.3399, -38.7608.

-38.7608.

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

53.1970, 4.3399, -38.7608

Protanopia

64.9850, -3.9366, 2.6442

Deuteranopia

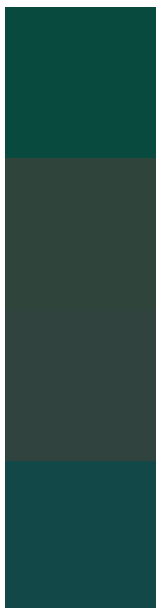
65.8050, -0.8899, 5.4330



Tritanopia

58.0330, 9.8437, -30.7239

Trichromacy



Original Color

53.1970, 4.3399, -38.7608

Protanomaly

60.6950, -0.8356, -12.0105

Deuteranomaly

61.1620, 0.9061, -10.6661

Tritanomaly

56.4410, 7.6706, -33.7128

Monochromacy



Original Color

53.1970, 4.3399, -38.7608

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.2540, 1.3538, -14.2548

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.1970, 4.3399, -38.7608 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(9, 74, 62)` looks like.

```
.text, #text, p{  
    color:rgb(9, 74, 62)  
}
```

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(9, 74, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 74, 62) }
```

Border

The CSS property to change the border of an element to YUV 53.1970, 4.3399, -38.7608 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(9, 74, 62) }
```


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

```
.border{ border-color:rgb(9, 74, 62) }
```

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

Here you see how a box with a 4 pixel rgb(9, 74, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 74, 62); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 74, 62); box-shadow:4px  
4px 4px 4px rgb(9, 74, 62) }
```

Background

The CSS property to change the background color of an element to YUV 53.1970, 4.3399, -38.7608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 74, 62) }
```

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

```
.background{ background-color: rgb(9, 74,  
62) }
```

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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