

Converting Colors

YUV(53.9450, 3.4781, 4.4332)

Have a look what the booklet for
YUV(53.9450, 3.4781, 4.4332)
contains.

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Color

**YUV(53.9450, 3.4781,
4.4332)**

Conversions

Conversions Part 1	
Format	Color
Hex	3B323D
RGB	59, 50, 61
RGB Percent	23%, 20%, 24%
CMY	0.7686, 0.8039, 0.7608
CMYK	0.03, 0.18, 0.00, 0.76
HSL	289°, 10%, 22%
HSV	289°, 18%, 24%
XYZ	3.7865, 3.5479, 4.9001
YIQ	53.9450, 1.8330, 5.3290

Conversions

Conversions Part 2

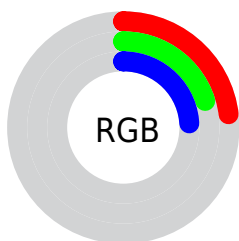
Format	Color
RYB	59, 50, 61
Decimal	3879485
CIELab	22.12, 6.47, -5.42
CIELCh	22, 8.442, 320.044
Yxy	3.5479, 0.3095, 0.2900
Android (android.graphics.Color)	4282069565 (0xFF3B323D)
YUV	53.9450, 3.4781, 4.4332
Hunter-Lab	18.8360, 2.9204, -2.2390

Details

The YUV color **53.9450, 3.4781, 4.4332** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **57.0550, -3.4781, -4.4332**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.3580, 3.7675, 4.9480**, and **9.0100, 4.9251, 7.0072** is the 20% darker color. If you saturate the color by 10%, you get **50.1240, 5.3619, 6.9073**, and if you desaturate by 10%, it is **57.7660, 1.5944, 1.9592**.

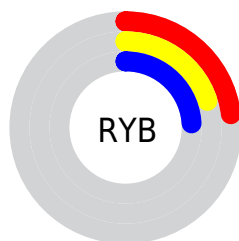
Distribution



Red (23%)

Green (20%)

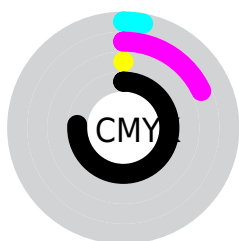
Blue (24%)



Red (23%)

Yellow (20%)

Blue (24%)

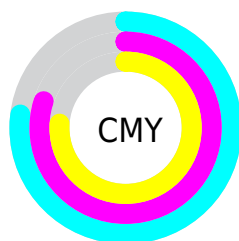


Cyan (3%)

Magenta (18%)

Yellow (0%)

Black (76%)



Cyan (77%)


Magenta (80%)

Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 53.9450, 3.4781, 4.4332 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 53.9450, 3.4781, 4.4332 by changing the saturation by 10% instead.


 53.9450, 3.4781,
4.4332

 53.9450, 3.4781,
4.4332

255.0000, 0.0000,
0.0000


 32.5320, 3.1887,
3.9184


 100.3580, 3.7675,
4.9480


 9.0100, 4.9251,
7.0072

 125.4720, 4.2043,
4.8481

 0.0000, 0.0000,
0.0000

 151.7710, 4.0569,
5.4628

 177.8850, 4.4937,
5.3629

 205.7710, 4.0569,
5.4628

 234.1840, 4.3463,

5.9776

■ 53.9450, 3.4781,
4.4332

■ 53.9450, 3.4781,
4.4332

■ 50.1240, 5.3619,
6.9073

■ 57.7660, 1.5944,
1.9592

■ 46.3030, 7.2456,
9.3813

■ 61.5870, -0.2894,
-0.5148

■ 42.4820, 9.1294,
11.8553

■ 65.4080, -2.1731,
-2.9888

■ 38.6610, 11.0131,
14.3293


■ 69.2290, -4.0569,
-5.4628


■ 33.9540, 13.3337,
16.7033


■ 73.9360, -6.3774,
-7.8369


■ 30.1330, 15.2174,
19.1774


■ 77.7570, -8.2612,
-10.3109


 26.3120, 17.1012,
21.6514

 81.5780, -10.1450,
-12.7849

 22.4910, 18.9849,
24.1254

 85.3990, -12.0287,
-15.2589

 21.9040, 19.2743,
24.6402

 89.2200, -13.9125,
-17.7329

Harmonies

Analogous

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



53.1830, 5.8258, -1.9145



53.9450, 3.4781, 4.4332



54.1690, 0.4097, 8.6218

Triad

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



53.9450, 3.4781, 4.4332



53.1380, -5.9840, 6.0180



50.1340, 3.3849, -12.3955

Complementary

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



53.9450, 3.4781, 4.4332



57.0550, -3.4781, -4.4332

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.



50.6460, 0.1745, -9.3365



53.9450, 3.4781, 4.4332



52.2190, -5.5310, 0.6849

Square

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



53.9450, 3.4781, 4.4332



53.5020, -4.6845, 9.2067



51.1690, -3.0413, -4.5332



51.0030, 5.4215, -12.2806

Rectangle

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



53.9450, 3.4781, 4.4332



54.3110, -1.6323, 10.2513



51.1690, -3.0413, -4.5332



50.7920, 2.0745, -12.0956

Sweetspot

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



53.9450, 3.4781, 4.4332



76.3530, 1.3050, 1.4444



52.4280, 4.2260, -2.1294



38.9400, 1.0156, 0.9296



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



53.9450, 3.4781, 4.4332



68.1240, 5.3619, 6.9073



54.2010, 1.8729, 5.9627



28.9400, 1.0156, 0.9296



33.7390, 29.7087, 37.9399



79.7260, 70.1411, 89.6943

Inverse Universe

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



53.5170, -0.7479, 6.5626



67.4250, -1.1955, 10.1513



56.7990, -1.8729, -5.9627



28.8970, -0.4422, 1.8443



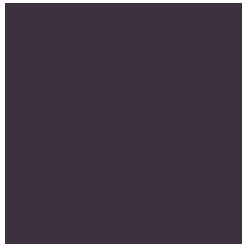
30.0440, -6.4307, 56.0894



70.9380, -15.2524, 132.4814

Previews

White Background



This preview shows how the YUV color 53.9450, 3.4781, 4.4332 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 53.9450, 3.4781, 4.4332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

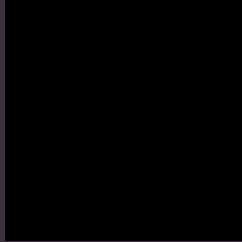
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.9450, 3.4781, 4.4332

Background



This preview shows how black text looks on a background with the YUV color 53.9450, 3.4781, 4.4332.

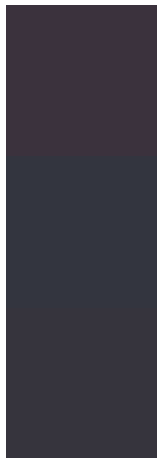


This preview shows how white text looks on a background with the YUV color 53.9450, 3.4781,

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

53.9450, 3.4781, 4.4332

Protanopia

53.5420, 4.6628, -2.2293

Deuteranopia

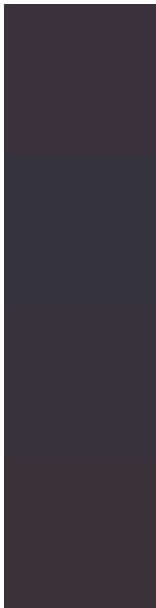
53.6240, 3.6364, 0.3298



Tritanopia

53.5490, 0.7153, 3.9035

Trichromacy



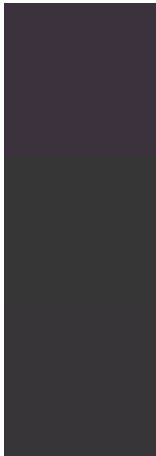
Original Color
53.9450, 3.4781, 4.4332

Protanomaly
53.7380, 4.0732, 0.2298

Deuteranomaly
53.6350, 3.6309, 2.0741

Tritanomaly
53.7770, 1.5889, 3.7036

Monochromacy



Original Color
53.9450, 3.4781, 4.4332

Achromatopsia
54.0000, 0.0000, 0.0000

Achromatomaly
54.3530, 1.3050, 1.4444

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.9450, 3.4781, 4.4332 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(59, 50, 61)` looks like.

```
.text, #text, p{  
    color:rgb(59, 50, 61)  
}
```

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(59, 50, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 50, 61) }
```

Border

The CSS property to change the border of an element to YUV 53.9450, 3.4781, 4.4332 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(59, 50, 61) }
```


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

```
.border{ border-color:rgb(59, 50, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 50, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 50, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 50, 61);  
box-shadow:4px 4px 4px 4px rgb(59, 50, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.9450, 3.4781, 4.4332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 50, 61) }
```

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

```
.background{ background-color: rgb(59, 50,  
61) }
```

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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