

Converting Colors

YUV(40.9180, 4.4774, 10.5959)

Have a look what the booklet for
YUV(40.9180, 4.4774, 10.5959)
contains.

YUV(40.9180, 4.4774, 10.5959)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(40.9180, 4.4774,
10.5959)**

Conversions

Conversions Part 1

Format	Color
Hex	352132
RGB	53, 33, 50
RGB Percent	21%, 13%, 20%
CMY	0.7922, 0.8706, 0.8039
CMYK	0.00, 0.38, 0.06, 0.79
HSL	309°, 23%, 17%
HSV	309°, 38%, 21%
XYZ	2.5878, 2.0749, 3.2817
YIQ	40.9180, 6.4630, 9.5270

Conversions

Conversions Part 2

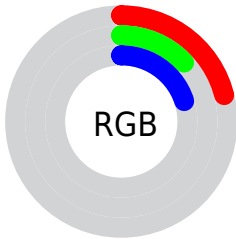
Format	Color
R_{YB}	53, 33, 50
Decimal	3481906
CIE _{Lab}	15.88, 13.02, -7.28
CIE _{LCh}	16, 14.922, 330.784
Yxy	2.0749, 0.3257, 0.2612
Android (android.graphics.Color)	4281671986 (0xFF352132)
YUV	40.9180, 4.4774, 10.5959
Hunter-Lab	14.4045, 6.8599, -3.4247

Details

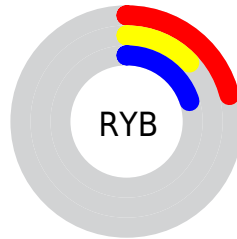
The YUV color **40.9180, 4.4774, 10.5959** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.0820, -4.4774, -10.5959**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.6300, 4.6194, 11.7255**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.8690, 5.4876, 13.2699**, and if you desaturate by 10%, it is **43.9670, 3.4673, 7.9219**.

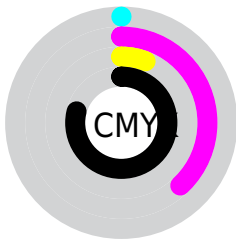
Distribution



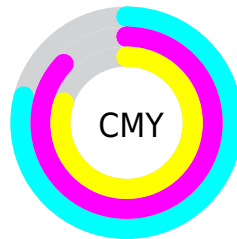
- Red (21%)
- Green (13%)
- Blue (20%)



- Red (21%)
- Yellow (13%)
- Blue (20%)



- Cyan (0%)
- Magenta (38%)
- Yellow (6%)
- Black (79%)



- Cyan (79%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.9180, 4.4774, 10.5959 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 40.9180, 4.4774, 10.5959 by changing the saturation by 10% instead.

■ 40.9180, 4.4774,
10.5959

■ 40.9180, 4.4774,
10.5959

■ 255.0000, 0.0000,
0.0000

■ 19.9180, 4.4774,
10.5959

■ 86.6300, 4.6194,
11.7255

■ 0.0000, 0.0000,
0.0000

■ 111.0430, 4.9088,
12.2403

■ 136.4560, 5.1982,
12.7551

■ 162.7550, 5.0508,
13.3699

■ 189.5810, 5.6296,
14.3995

■ 217.5810, 5.6296,

14.3995

243.2600, 5.7878,
10.2960

40.9180, 4.4774,
10.5959

40.9180, 4.4774,
10.5959

37.8690, 5.4876,
13.2699

43.9670, 3.4673,
7.9219

34.2330, 6.7871,
16.4587

47.6030, 2.1677,
4.7332

31.2980, 8.2341,
19.0327

50.5380, 0.7208,
2.1592

28.2490, 9.2442,
21.7066

53.5870, -0.2894,
-0.5148

25.2000, 10.2544,
24.3806

57.2230, -1.5889,
-3.7036

■ 21.5640, 11.5539,
27.5694

■ 60.2720, -2.5991,
-6.3775

■ 20.9770, 11.8433,
28.0842

■ 63.3210, -3.6093,
-9.0515

■ 66.2560, -5.0562,
-11.6255

■ 69.8920, -6.3558,
-14.8143

Harmonies

Analogous

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



40.5900, 8.5831, 0.3596



40.9180, 4.4774, 10.5959



40.3980, -0.1962, 16.3140

Triad

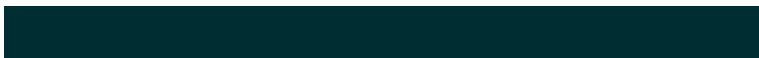
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.9180, 4.4774, 10.5959



38.6990, -10.2046, 6.4030



32.1150, 8.8173, -28.1649

Complementary

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



40.9180, 4.4774, 10.5959



45.0820, -4.4774, -10.5959

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.



32.9540, 2.9807, -22.7617



40.9180, 4.4774, 10.5959



37.5130, -8.1409, -2.2039

Square

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



40.9180, 4.4774, 10.5959



39.3840, -9.0633, 13.6952



35.7120, -3.3090, -12.0254



32.7500, 12.4482, -26.0907

Rectangle

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



40.9180, 4.4774, 10.5959



40.4860, -3.6906, 17.1138



35.7120, -3.3090, -12.0254



31.7730, 7.5069, -27.8649

Sweetspot

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



40.9180, 4.4774, 10.5959



64.1900, 1.8783, 4.2184



36.1770, 8.2937, -0.1552



32.9510, 1.0102, 2.6740



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



40.9180, 4.4774, 10.5959



50.2330, 6.7871, 16.4587



39.7780, 0.1094, 11.5957



24.1250, 0.4314, 1.6444



35.2750, 20.0774, 47.1168



85.8590, 48.3835, 115.0107

Inverse Universe

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



40.9180, 4.4774, 10.5959



50.2330, 6.7871, 16.4587



46.2220, -0.1094, -11.5957



24.1250, 0.4314, 1.6444



35.2750, 20.0774, 47.1168



85.8590, 48.3835, 115.0107

Previews

White Background



This preview shows how the YUV color 40.9180, 4.4774, 10.5959 looks on a white background.

Color Contrast Check

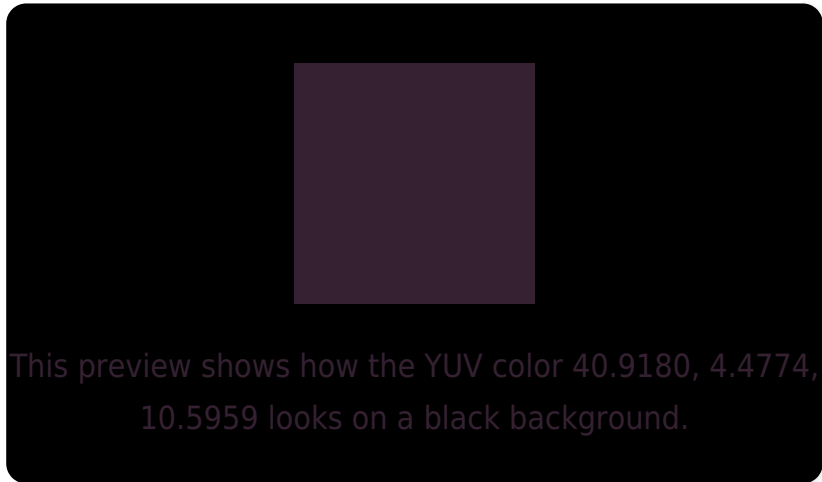
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

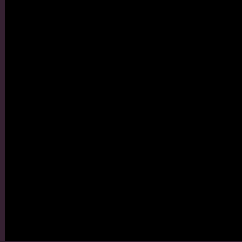
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.9180, 4.4774, 10.5959

Background



This preview shows how black text looks on a background with the YUV color 40.9180, 4.4774, 10.5959.



This preview shows how white text looks on a background with the YUV color 40.9180, 4.4774,

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

40.9180, 4.4774, 10.5959

Protanopia

39.6280, 7.5784, -4.0588

Deuteranopia

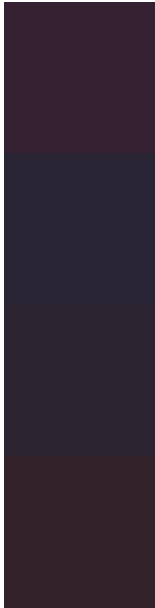
40.1400, 4.3680, -0.9998



Tritanopia

40.4250, -1.1955, 10.1513

Trichromacy



Original Color

40.9180, 4.4774, 10.5959

Protanomaly

40.3190, 6.2517, 1.4742

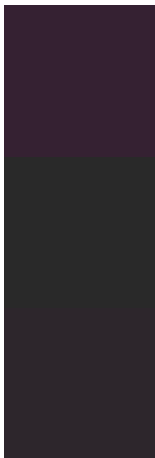
Deuteranomaly

40.4610, 4.2097, 3.1037

Tritanomaly

40.2940, 0.8411, 10.2662

Monochromacy



Original Color

40.9180, 4.4774, 10.5959

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.7770, 1.5889, 3.7036

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.9180, 4.4774, 10.5959 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(53, 33, 50)` looks like.

```
.text, #text, p{  
    color:rgb(53, 33, 50)  
}
```

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(53, 33, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 33, 50) }
```

Border

The CSS property to change the border of an element to YUV 40.9180, 4.4774, 10.5959 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(53, 33, 50) }
```


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

```
.border{ border-color:rgb(53, 33, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 33, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 33, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 33, 50);  
box-shadow:4px 4px 4px 4px rgb(53, 33, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.9180, 4.4774, 10.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 33, 50) }
```

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

```
.background{ background-color: rgb(53, 33,  
50) }
```

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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