

Converting Colors

YUV(153.7000, 5.0779, 4.6481)

Have a look what the booklet for
YUV(153.7000, 5.0779, 4.6481)
contains.

YUV(153.7000, 5.0779, 4.6481)	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(153.7000, 5.0779,
4.6481)**

Conversions

Conversions Part 1

Format	Color
Hex	9F95A4
RGB	159, 149, 164
RGB Percent	62%, 58%, 64%
CMY	0.3765, 0.4157, 0.3569
CMYK	0.03, 0.09, 0.00, 0.36
HSL	280°, 8%, 61%
HSV	280°, 9%, 64%
XYZ	31.7464, 31.5462, 39.5378
YIQ	153.7000, 1.1450, 6.7850

Conversions

Conversions Part 2

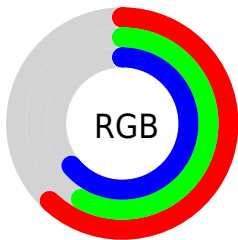
Format	Color
R _Y B	159, 149, 164
Decimal	10458532
CIE Lab	62.97, 6.54, -6.54
CIE LCh	63, 9.250, 315.026
Yxy	31.5462, 0.3087, 0.3068
Android (android.graphics.Color)	4288648612 (0xFF9F95A4)
YUV	153.7000, 5.0779, 4.6481
Hunter-Lab	56.1660, 2.6021, -2.4207

Details

The YUV color **153.7000, 5.0779, 4.6481** is a light color, and the websafe version is hex **999999**. A complement of this color would be **159.3000, -5.0779, -4.6481**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.1130, 5.3673, 5.1629**, and **102.5860, 4.6411, 4.7481** is the 20% darker color. If you saturate the color by 10%, you get **142.8130, 10.4452, 9.8110**, and if you desaturate by 10%, it is **164.5870, -0.2894, -0.5148**.

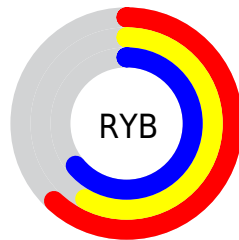
Distribution



Red (62%)

Green (58%)

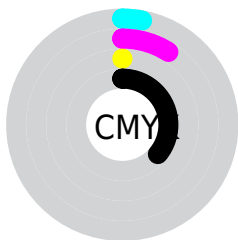
Blue (64%)



Red (62%)

Yellow (58%)

Blue (64%)

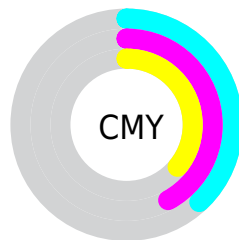


Cyan (3%)

Magenta (9%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.7000, 5.0779, 4.6481 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 153.7000, 5.0779, 4.6481 by changing the saturation by 10% instead.

■ 153.7000, 5.0779,
4.6481

■ 153.7000, 5.0779,
4.6481

■ 255.0000, 0.0000,
0.0000

■ 127.7000, 5.0779,
4.6481

■ 208.1130, 5.3673,
5.1629

■ 102.5860, 4.6411,
4.7481

■ 236.1130, 5.3673,
5.1629

■ 78.8740, 4.4991,
3.6185

■ 55.8740, 4.4991,
3.6185

■ 34.4610, 4.2097,
3.1037

■ 11.4120, 5.2199,
5.7777

■ 0.0000, 0.0000,

0.0000

■ 153.7000, 5.0779,
4.6481

■ 153.7000, 5.0779,
4.6481

■ 142.8130, 10.4452,
9.8110

■ 164.5870, -0.2894,
-0.5148

■ 131.0400, 16.2493,
14.8739

■ 176.3600, -6.0935,
-5.5777

■ 120.1530, 21.6166,
20.0368

■ 187.2470,
-11.4608, -10.7406

■ 108.3800, 27.4207,
25.0997

■ 199.0200,
-17.2649, -15.8035

■ 97.4930, 32.7880,
30.2626

■ 209.9070,
-22.6322, -20.9664

■ 86.3070, 38.3026,
34.8108

■ 221.0930,
-28.1468, -25.5146

74.8330, 43.9593,
40.4885

227.2840,
-31.1990, -26.5591

63.6470, 49.4740,
45.0366

229.0780,
-32.0835, -22.8704

52.1730, 55.1307,
50.7143

230.5730,
-32.8205, -19.7965

Harmonies

Analogous

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



152.9270, 7.4310, -3.4440



153.7000, 5.0779, 4.6481



154.1200, 1.4198, 11.2958

Triad

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



153.7000, 5.0779, 4.6481



152.4050, -7.5947, 9.2918



149.4110, 3.2484, -15.2694

Complementary

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



153.7000, 5.0779, 4.6481



159.3000, -5.0779, -4.6481

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.



149.9940, -0.9830, -11.3957



153.7000, 5.0779, 4.6481



151.7740, -7.2836, 2.8292

Square

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



153.7000, 5.0779, 4.6481



153.4810, -6.1531, 13.6102



150.4140, -4.6411, -4.7481



150.0350, 6.8847, -14.9397

Rectangle

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



153.7000, 5.0779, 4.6481



154.3330, -1.6432, 13.7400



150.4140, -4.6411, -4.7481



149.3680, 1.7906, -14.3547

Sweetspot

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



153.7000, 5.0779, 4.6481



209.8800, 2.0312, 1.8592



153.6450, 5.1050, -4.0737



104.3530, 1.3050, 1.4444



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



153.7000, 5.0779, 4.6481



198.1070, 7.8352, 6.9222



154.9670, 3.4673, 7.9219



75.8200, 3.0467, 2.7889



45.5330, 49.0372, 45.1366



5.6400, 6.0935, 5.5777

Inverse Universe

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



154.0550, -0.0271, 8.7218



198.6750, -0.3328, 13.4400



158.0330, -3.4673, -7.9219



76.0330, -0.0163, 5.2331



48.8270, -0.4077, 84.3437



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 153.7000, 5.0779, 4.6481 looks on a white background.

Color Contrast Check

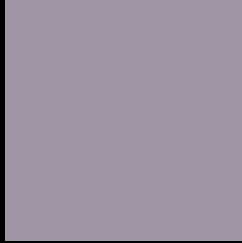
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 153.7000, 5.0779, 4.6481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

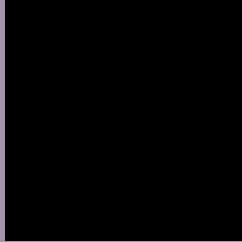
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.7000, 5.0779, 4.6481

Background



This preview shows how black text looks on a background with the YUV color 153.7000, 5.0779, 4.6481.



This preview shows how white text looks on a background with the YUV color 153.7000, 5.0779,

4.6481.

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

153.7000, 5.0779, 4.6481

Protanopia

152.5960, 6.1152, -1.3997

Deuteranopia

154.0100, 4.9251, 7.0072



Tritanopia

153.3580, 3.7675, 4.9480

Trichromacy



Original Color

153.7000, 5.0779, 4.6481

Protanomaly

152.9060, 5.9623, 0.9594

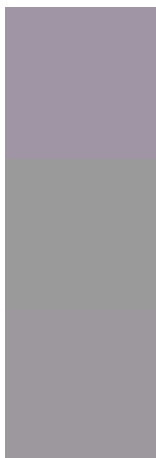
Deuteranomaly

153.7110, 5.0725, 6.3925

Tritanomaly

153.4720, 4.2043, 4.8481

Monochromacy



Original Color

153.7000, 5.0779, 4.6481

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8800, 2.0312, 1.8592

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7000, 5.0779, 4.6481 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(159, 149, 164)` looks like.

```
.text, #text, p{  
    color:rgb(159, 149, 164)  
}
```

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(159, 149, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 149, 164) }
```

Border

The CSS property to change the border of an element to YUV 153.7000, 5.0779, 4.6481 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(159, 149, 164) }
```


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

```
.border{ border-color:rgb(159, 149, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 149, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 149, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 149, 164);  
box-shadow:4px 4px 4px 4px rgb(159, 149,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 153.7000, 5.0779, 4.6481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 149, 164) }
```

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

```
.background{ background-color: rgb(159,  
149, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor