

Converting Colors

YUV(153.3770, -5.1159, 7.5624)

Have a look what the booklet for
YUV(153.3770, -5.1159, 7.5624)
contains.

YUV(153.3770, -5.1159, 7.5624)	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(153.3770, -5.1159,
7.5624)**

Conversions

Conversions Part 1

Format	Color
Hex	A2978F
RGB	162, 151, 143
RGB Percent	64%, 59%, 56%
CMY	0.3647, 0.4078, 0.4392
CMYK	0.00, 0.07, 0.12, 0.36
HSL	25°, 9%, 60%
HSV	25°, 12%, 64%
XYZ	30.9248, 31.7978, 30.4943
YIQ	153.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

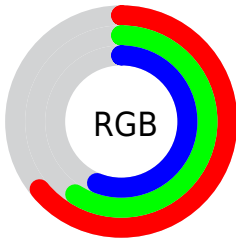
Format	Color
R_{YB}	162, 157, 143
Decimal	10655631
CIE Lab	63.18, 2.62, 5.66
CIE LCh	63, 6.235, 65.130
Yxy	31.7978, 0.3318, 0.3411
Android (android.graphics.Color)	4288845711 (0xFFA2978F)
YUV	153.3770, -5.1159, 7.5624
Hunter-Lab	56.3895, -0.7897, 7.4099

Details

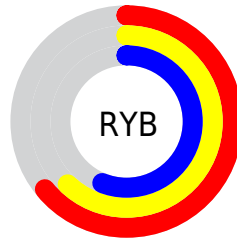
The YUV color **153.3770, -5.1159, 7.5624** is a light color, and the websafe version is hex **999999**. A complement of this color would be **151.6230, 5.1159, -7.5624**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6760, -5.2633, 8.1771**, and **102.1920, -4.5317, 6.8476** is the 20% darker color. If you saturate the color by 10%, you get **146.2700, -9.5001, 13.7952**, and if you desaturate by 10%, it is **160.4840, -0.7316, 1.3295**.

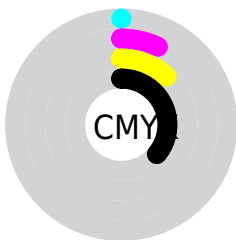
Distribution



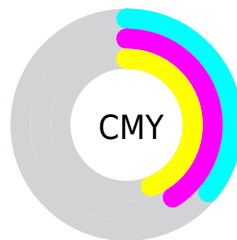
- Red (64%)
- Green (59%)
- Blue (56%)



- Red (64%)
- Yellow (62%)
- Blue (56%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (36%)



- Cyan (36%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.3770, -5.1159, 7.5624 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 153.3770, -5.1159, 7.5624 by changing the saturation by 10% instead.

■ 153.3770, -5.1159,
7.5624

■ 153.3770, -5.1159,
7.5624

255.0000, 0.0000,
0.0000

■ 127.3770, -5.1159,
7.5624

■ 207.6760, -5.2633,
8.1771

■ 102.1920, -4.5317,
6.8476

■ 235.6760, -5.2633,
8.1771

■ 78.1920, -4.5317,
6.8476

254.7720, -0.8736,
0.2000

■ 55.8930, -4.3842,
6.2328

■ 33.7080, -3.8000,
5.5181

■ 11.5620, -5.7001,
8.2771

■ 0.0000, 0.0000,

0.0000

■ 153.3770, -5.1159,
7.5624

■ 153.3770, -5.1159,
7.5624

■ 146.2700, -9.5001,
13.7952

■ 160.4840, -0.7316,
1.3295

■ 138.5760,
-13.5950, 20.5428

■ 168.1780, 3.3632,
-5.4181

■ 131.3550,
-18.4160, 26.8757

■ 175.3990, 8.1843,
-11.7509

■ 123.6610,
-22.5109, 33.6233

■ 183.0930, 12.2792,
-18.4986

■ 116.5540,
-26.8951, 39.8561

■ 190.2000, 16.6634,
-24.7314

■ 109.4470,
-31.2794, 46.0890

■ 197.3070, 21.0476,
-30.9642

■ 101.7530,
-35.3742, 52.8366

■ 204.8870, 24.7057,
-37.6119

■ 94.5320, -40.1953,
59.1694

■ 210.1700, 22.1012,
-42.2451

■ 88.3540, -43.5585,
64.5875

■ 215.4530, 19.4967,
-46.8783

Harmonies

Analogous

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



154.1430, -3.5215, 9.5216



153.3770, -5.1159, 7.5624



152.9420, -5.3944, 3.5589

Triad

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



153.3770, -5.1159, 7.5624



150.9880, 1.4849, -9.6365



153.4500, 4.2152, 1.3594

Complementary

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



153.3770, -5.1159, 7.5624



151.6230, 5.1159, -7.5624

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.



152.7590, 5.5418, -4.1736



153.3770, -5.1159, 7.5624



151.5580, 3.6689, -10.1364

Square

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



153.3770, -5.1159, 7.5624



151.5000, -1.7255, -6.5775



152.3240, 5.2633, -8.1771



154.2010, 1.8729, 5.9627

Rectangle

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



153.3770, -5.1159, 7.5624



152.1480, -4.5100, -0.1298



152.3240, 5.2633, -8.1771



153.5530, 4.6574, -0.4850

Sweetspot

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



153.3770, -5.1159, 7.5624



208.0390, -2.4842, 3.4738



149.9350, 2.0040, 10.5810



104.6690, -1.3158, 2.0443



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.



153.3770, -5.1159, 7.5624



198.0140, -7.8949, 12.2657



158.6600, -7.7204, 2.9292



78.0390, -2.4842, 3.4738



79.1620, -39.0269, 57.7399



10.0780, -4.9685, 6.9476

Inverse Universe

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



151.6230, 5.1159, -7.5624



195.3990, 8.1843, -11.7509



146.3400, 7.7204, -2.9292



76.9610, 2.4842, -3.4738



65.8380, 39.0269, -57.7399



7.9220, 4.9685, -6.9476

Previews

White Background



This preview shows how the YUV color 153.3770, -5.1159, 7.5624 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 153.3770, -5.1159, 7.5624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

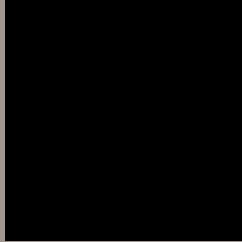
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

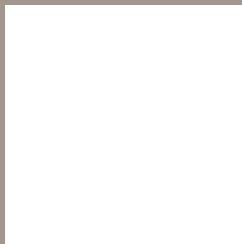
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.3770, -5.1159, 7.5624

Background



This preview shows how black text looks on a background with the YUV color 153.3770, -5.1159, 7.5624.



This preview shows how white text looks on a background with the YUV color 153.3770, -5.1159,

7.5624.

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

153.3770, -5.1159, 7.5624

Protanopia

152.8820, -4.3788, 4.4885

Deuteranopia

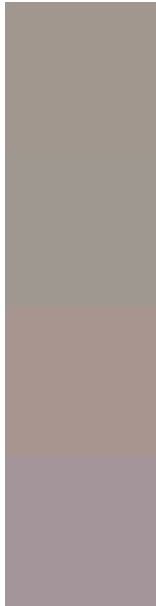
154.4210, -5.1376, 14.5398



Tritanopia

154.1520, 2.8831, 8.6367

Trichromacy



Original Color

153.3770, -5.1159, 7.5624

Protanomaly

153.1810, -4.5262, 5.1033

Deuteranomaly

154.1110, -4.9847, 12.1807

Tritanomaly

153.7560, 0.1203, 8.1070

Monochromacy



Original Color

153.3770, -5.1159, 7.5624

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.8540, -1.9000, 2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.3770, -5.1159, 7.5624 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(162, 151, 143)` looks like.

```
.text, #text, p{  
    color:rgb(162, 151, 143)  
}
```

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(162, 151, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 151, 143) }
```

Border

The CSS property to change the border of an element to YUV 153.3770, -5.1159, 7.5624 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(162, 151, 143) }
```


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

```
.border{ border-color:rgb(162, 151, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 151, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 151, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 151, 143);  
box-shadow:4px 4px 4px 4px rgb(162, 151,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 153.3770, -5.1159, 7.5624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 151, 143) }
```

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

```
.background{ background-color: rgb(162,  
151, 143) }
```

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