

Converting Colors

YUV(153.5560, -19.9941,
19.6834)

Have a look what the booklet for
YUV(153.5560, -19.9941, 19.6834)
contains.

YUV(153.5560, -19.9941, 19.6834)	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(153.5560, -19.9941,
19.6834)**

Conversions

Conversions Part 1

Format	Color
Hex	B09671
RGB	176, 150, 113
RGB Percent	69%, 59%, 44%
CMY	0.3098, 0.4118, 0.5569
CMYK	0.00, 0.15, 0.36, 0.31
HSL	35°, 29%, 57%
HSV	35°, 36%, 69%
XYZ	31.7915, 32.2351, 20.1692
YIQ	153.5560, 27.3730, -5.9950

Conversions

Conversions Part 2

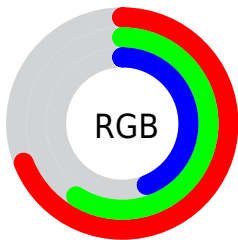
Format	Color
RYB	157, 176, 113
Decimal	11572849
CIELab	63.54, 4.25, 23.12
CIElCh	64, 23.510, 79.591
Yxy	32.2351, 0.3776, 0.3829
Android (android.graphics.Color)	4289762929 (0xFFB09671)
YUV	153.5560, -19.9941, 19.6834
Hunter-Lab	56.7759, 0.5926, 18.6809

Details

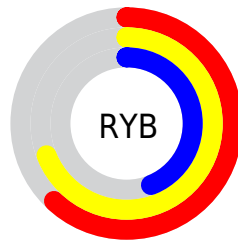
The YUV color **153.5560, -19.9941, 19.6834** is a light color, and the websafe version is hex **999966**. A complement of this color would be **135.4440, 19.9941, -19.6834**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.2250, -21.3099, 21.7277**, and **102.0010, -18.2415, 17.5391** is the 20% darker color. If you saturate the color by 10%, you get **147.3950, -25.8307, 25.0866**, and if you desaturate by 10%, it is **159.7170, -14.1575, 14.2802**.

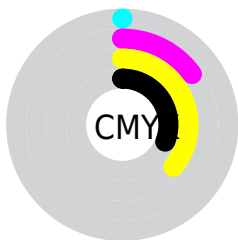
Distribution



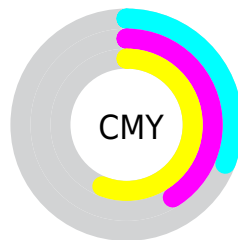
- Red (69%)
- Green (59%)
- Blue (44%)



- Red (62%)
- Yellow (69%)
- Blue (44%)



- Cyan (0%)
- Magenta (15%)
- Yellow (36%)
- Black (31%)



- Cyan (31%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5560, -19.9941, 19.6834 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 153.5560, -19.9941, 19.6834 by changing the saturation by 10% instead.

■ 153.5560,
-19.9941, 19.6834

■ 153.5560,
-19.9941, 19.6834

■ 255.0000, 0.0000,
0.0000

■ 127.3710,
-19.4099, 18.9686

■ 208.2250,
-21.3099, 21.7277

■ 102.0010,
-18.2415, 17.5391

■ 234.3170,
-20.8623, 18.1390

■ 78.4030, -17.9467,
16.3096

■ 251.0100,
-15.2879, 3.4992

■ 55.0330, -16.7783,
14.8801

■ 254.3160, -2.6208,
0.5999

■ 33.4350, -16.4835,
13.6505

■ 12.4590, -6.1423,
10.1215

■ 0.0000, 0.0000,

0.0000

■ 153.5560,
-19.9941, 19.6834

■ 153.5560,
-19.9941, 19.6834

■ 147.3950,
-25.8307, 25.0866

■ 159.7170,
-14.1575, 14.2802

■ 140.7610,
-30.9412, 30.9046

■ 166.3510, -9.0470,
8.4622

■ 134.6000,
-36.7778, 36.3078

■ 172.5120, -3.2104,
3.0590

■ 128.5530,
-42.1776, 41.6110

■ 178.5590, 2.1894,
-2.2442

■ 122.3920,
-48.0143, 47.0142

■ 184.7200, 8.0260,
-7.6474

■ 115.6440,
-53.5615, 52.9322

■ 191.4680, 13.5733,
-13.5654

■ 113.0850,
-55.7509, 55.1765

■ 197.5150, 18.9731,
-18.8687

■ 203.6760, 24.8097,
-24.2719

■ 207.8990, 23.2208,
-27.9754

Harmonies

Analogous

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



155.0720, -15.8115, 31.5089



153.5560, -19.9941, 19.6834



151.5000, -18.4875, 3.0695

Triad

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



153.5560, -19.9941, 19.6834



144.2870, 11.1975, -44.9787



157.1880, 11.7393, 14.7441

Complementary

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



153.5560, -19.9941, 19.6834



135.4440, 19.9941, -19.6834

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.



154.5920, 18.9351, -6.6582



153.5560, -19.9941, 19.6834



145.4750, 19.4858, -43.3896

Square

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



153.5560, -19.9941, 19.6834



145.7910, 0.1030, -33.1427



150.2580, 22.0578, -28.2903



157.1700, 2.3812, 29.6689

Rectangle

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



153.5560, -19.9941, 19.6834



149.8620, -14.2290, -9.5260



150.2580, 22.0578, -28.2903



156.5400, 14.5238, 8.2964

Sweetspot

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



153.5560, -19.9941, 19.6834



220.5790, -8.1734, 8.2622



134.8010, 2.0701, 36.1315



109.7680, -4.8156, 4.5885



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



153.5560, -19.9941, 19.6834



194.6470, -31.3780, 31.0046



167.3230, -26.7812, 3.2247



86.2130, -3.0630, 2.4442



98.5770, -48.5985, 47.7290



16.5790, -8.1734, 8.2622

Inverse Universe

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



135.4440, 19.9941, -19.6834



166.3530, 31.3780, -31.0046



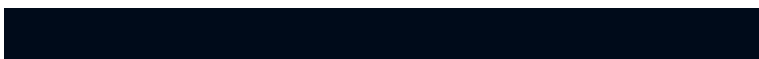
121.6770, 26.7812, -3.2247



83.3740, 2.7736, -2.9590



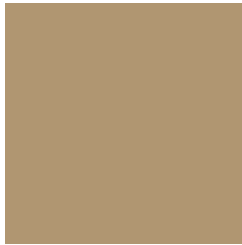
54.4230, 48.5985, -47.7290



9.4210, 8.1734, -8.2622

Previews

White Background



This preview shows how the YUV color 153.5560, -19.9941, 19.6834 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 153.5560, -19.9941, 19.6834 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 153.5560, -19.9941, 19.6834 Background



This preview shows how black text looks on a background with the YUV color 153.5560, -19.9941, 19.6834.



This preview shows how white text looks on a background with the YUV color 153.5560, -19.9941,

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

153.5560, -19.9941, 19.6834

Protanopia

152.8430, -18.6566, 10.6617

Deuteranopia

154.1760, -20.2998, 24.4016



Tritanopia

156.4310, -0.2125, 21.5470

Trichromacy



Original Color

153.5560, -19.9941, 19.6834

Protanomaly

153.3380, -19.3936, 13.7356

Deuteranomaly

154.1650, -20.2943, 22.6573

Tritanomaly

155.1830, -7.4852, 20.8875

Monochromacy



Original Color

153.5560, -19.9941, 19.6834

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0950, -7.4418, 6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5560, -19.9941, 19.6834 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(176, 150, 113)` looks like.

```
.text, #text, p{  
    color:rgb(176, 150, 113)  
}
```

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(176, 150, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 150, 113) }
```

Border

The CSS property to change the border of an element to YUV 153.5560, -19.9941, 19.6834 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(176, 150, 113) }
```


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

```
.border{ border-color:rgb(176, 150, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 150, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 150, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 150, 113);  
box-shadow:4px 4px 4px 4px rgb(176, 150,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 153.5560, -19.9941, 19.6834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 150, 113) }
```

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

```
.background{ background-color: rgb(176,  
150, 113) }
```

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