

Converting Colors

YUV(151.3000, -5.0779, -4.6481)

Have a look what the booklet for
YUV(151.3000, -5.0779, -4.6481)
contains.

YUV(151.3000, -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(151.3000, -5.0779,
-4.6481)**

Conversions

Conversions Part 1

Format	Color
Hex	929C8D
RGB	146, 156, 141
RGB Percent	57%, 61%, 55%
CMY	0.4275, 0.3882, 0.4471
CMYK	0.06, 0.00, 0.10, 0.39
HSL	100°, 7%, 58%
HSV	100°, 10%, 61%
XYZ	28.5502, 31.8110, 29.8347
YIQ	151.3000, -1.1450, -6.7850

Conversions

Conversions Part 2

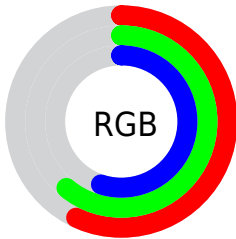
Format	Color
RYB	141, 156, 151
Decimal	9608333
CIELab	63.19, -6.46, 6.63
CIELCh	63, 9.256, 134.286
Yxy	31.8110, 0.3165, 0.3527
Android (android.graphics.Color)	4287798413 (0xFF929C8D)
YUV	151.3000, -5.0779, -4.6481
Hunter-Lab	56.4013, -8.3457, 8.1181

Details

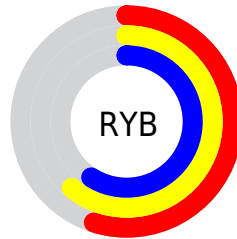
The YUV color **151.3000, -5.0779, -4.6481** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **145.7000, 5.0779, 4.6481**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.3000, -5.0779, -4.6481**, and **100.4140, -4.6411, -4.7481** is the 20% darker color. If you saturate the color by 10%, you get **146.4860, -10.5926, -9.1962**, and if you desaturate by 10%, it is **156.1140, 0.4368, -0.1000**.

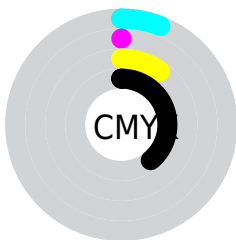
Distribution



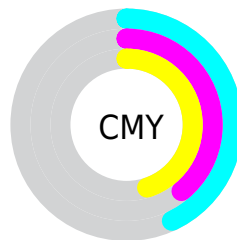
- Red (57%)
- Green (61%)
- Blue (55%)



- Red (55%)
- Yellow (61%)
- Blue (59%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (39%)



- Cyan (43%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.3000, -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 151.3000, -5.0779, -4.6481 by changing the saturation by 10% instead.

■ 151.3000, -5.0779,
-4.6481

■ 151.3000, -5.0779,
-4.6481

255.0000, 0.0000,
0.0000

■ 125.3000, -5.0779,
-4.6481

■ 205.3000, -5.0779,
-4.6481

■ 100.4140, -4.6411,
-4.7481

■ 233.8870, -5.3673,
-5.1629

■ 76.7130, -4.7885,
-4.1333

■ 254.5440, -1.7472,
0.3999

■ 53.8270, -4.3517,
-4.2333

■ 32.3540, -3.6255,
-3.8185

■ 9.1040, -4.4883,
-7.1072

■ 0.0000, 0.0000,

0.0000

■ 151.3000, -5.0779,
-4.6481

■ 151.3000, -5.0779,
-4.6481

■ 146.4860,
-10.5926, -9.1962

■ 156.1140, 0.4368,
-0.1000

■ 141.4870,
-15.5231, -14.4591

■ 161.1130, 5.3673,
5.1629

■ 136.6730,
-21.0378, -19.0072

■ 165.9270, 10.8820,
9.7110

■ 131.6740,
-25.9683, -24.2701

■ 170.9260, 15.8125,
14.9739

■ 126.8600,
-31.4830, -28.8182

■ 175.7400, 21.3272,
19.5220

■ 122.0460,
-36.9977, -33.3663

■ 180.5540, 26.8419,
24.0701

■ 117.0470,
-41.9282, -38.6292

■ 185.5530, 31.7724,
29.3330

■ 112.2330,
-47.4429, -43.1773

■ 189.1130, 32.4823,
34.9809

■ 107.2340,
-52.3734, -48.4402

■ 192.4020, 30.8608,
41.7434

Harmonies

Analogous

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



152.6600, -7.7204, 2.9292



151.3000, -5.0779, -4.6481



150.8800, -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.



151.3000, -5.0779, -4.6481



151.9970, 7.8895, -10.5214



154.4040, -2.6642, 14.5547

Complementary

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



151.3000, -5.0779, -4.6481



145.7000, 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.



154.8210, 1.5672, 10.6810



151.3000, -5.0779, -4.6481



153.0410, 7.8678, -3.5440

Square

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



151.3000, -5.0779, -4.6481



150.6220, 6.5954, -15.4545



154.4010, 5.2253, 4.0333



154.4810, -6.1531, 13.6102

Rectangle

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



151.3000, -5.0779, -4.6481



150.3680, 1.7906, -14.3547



154.4010, 5.2253, 4.0333



154.4470, -1.2064, 13.6400

Sweetspot

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



151.3000, -5.0779, -4.6481



202.1200, -2.0312, -1.8592



151.3550, -5.1050, 4.0737



100.6470, -1.3050, -1.4444



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



151.3000, -5.0779, -4.6481



196.4800, -8.1246, -7.4370



150.1470, -3.0305, -8.0219



76.5930, -2.7573, -2.2741



98.2930, -48.4584, -44.1070



10.3000, -5.0779, -4.6481

Inverse Universe

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



145.7000, 5.0779, 4.6481



187.5200, 8.1246, 7.4370



146.9670, 3.4673, 7.9219



73.4070, 2.7573, 2.2741



44.7070, 48.4584, 44.1070



4.7000, 5.0779, 4.6481

Previews

White Background



This preview shows how the YUV color 151.3000, -5.0779, -4.6481 looks on a white background.

Color Contrast Check

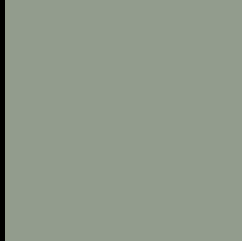
Large Text (above 18pt) WCAG AA × Fail

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 151.3000, -5.0779, -4.6481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

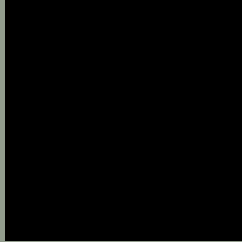
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

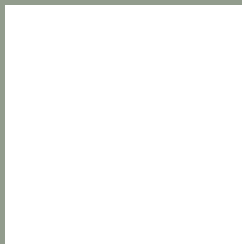
Any Text WCAG AAA ✓ Pass

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

YUV 151.3000, -5.0779, -4.6481 Background



This preview shows how black text looks on a background with the YUV color 151.3000, -5.0779, -4.6481.



This preview shows how white text looks on a background with the YUV color 151.3000, -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

151.3000, -5.0779, -4.6481

Protanopia

152.6110, -6.7102, 5.6032

Deuteranopia

153.7200, -5.2850, 15.1546



Tritanopia

153.4710, 5.6838, -3.0441

Trichromacy



Original Color

151.3000, -5.0779, -4.6481

Protanomaly

151.8170, -5.8258, 1.9145

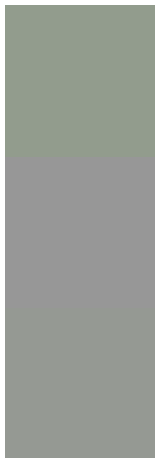
Deuteranomaly

152.6760, -5.2633, 8.1771

Tritanomaly

152.7330, 1.6106, -3.2738

Monochromacy



Original Color

151.3000, -5.0779, -4.6481

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.1200, -2.0312, -1.8592

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.3000, -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(146, 156, 141)` looks like.

```
.text, #text, p{  
    color:rgb(146, 156, 141)  
}
```

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(146, 156, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 156, 141) }
```

Border

The CSS property to change the border of an element to YUV 151.3000, -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(146, 156, 141) }
```


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

```
.border{ border-color:rgb(146, 156, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 156, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 156, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 156, 141);  
box-shadow:4px 4px 4px 4px rgb(146, 156,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 151.3000, -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(146, 156, 141) }
```

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

```
.background{ background-color: rgb(146,  
156, 141) }
```

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