

Converting Colors

YUV(151.7050, 4.0894, -5.0033)

Have a look what the booklet for
YUV(151.7050, 4.0894, -5.0033)
contains.

YUV(151.7050, 4.0894, -5.0033)	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(151.7050, 4.0894,
-5.0033)**

Conversions

Conversions Part 1

Format	Color
Hex	9299A0
RGB	146, 153, 160
RGB Percent	57%, 60%, 63%
CMY	0.4275, 0.4000, 0.3725
CMYK	0.09, 0.04, 0.00, 0.37
HSL	210°, 7%, 60%
HSV	210°, 9%, 63%
XYZ	29.5905, 31.4315, 37.7650
YIQ	151.7050, -6.4190, 0.6930

Conversions

Conversions Part 2

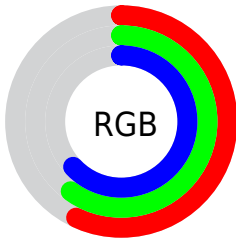
Format	Color
R_{YB}	146, 151, 160
Decimal	9607584
CIE _{Lab}	62.87, -1.08, -4.54
CIE _{LCh}	63, 4.665, 256.591
Yxy	31.4315, 0.2995, 0.3182
Android (android.graphics.Color)	4287797664 (0xFF9299A0)
YUV	151.7050, 4.0894, -5.0033
Hunter-Lab	56.0638, -3.8995, -0.6935

Details

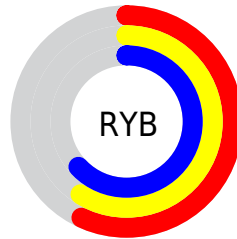
The YUV color **151.7050, 4.0894, -5.0033** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154.2950, -4.0894, 5.0033**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8190, 4.5262, -5.1033**, and **100.7050, 4.0894, -5.0033** is the 20% darker color. If you saturate the color by 10%, you get **142.2250, 8.7631, -10.7213**, and if you desaturate by 10%, it is **161.1850, -0.5842, 0.7148**.

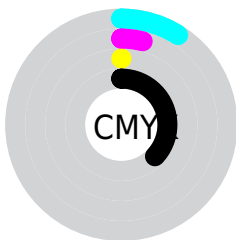
Distribution



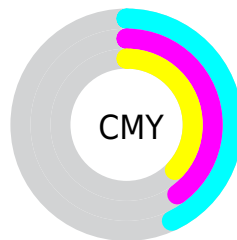
- Red (57%)
- Green (60%)
- Blue (63%)



- Red (57%)
- Yellow (59%)
- Blue (63%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (37%)



- Cyan (43%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.7050, 4.0894, -5.0033 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 151.7050, 4.0894, -5.0033 by changing the saturation by 10% instead.

■ 151.7050, 4.0894,
-5.0033

■ 151.7050, 4.0894,
-5.0033

255.0000, 0.0000,
0.0000

■ 125.7050, 4.0894,
-5.0033

■ 205.8190, 4.5262,
-5.1033

■ 100.7050, 4.0894,
-5.0033

■ 234.4060, 4.2368,
-5.6181

■ 76.8900, 3.5052,
-4.2885

■ 53.8900, 3.5052,
-4.2885

■ 32.7760, 3.0684,
-4.1886

■ 9.8080, 4.5317,
-6.8476

■ 0.0000, 0.0000,

0.0000

■ 151.7050, 4.0894,
-5.0033

■ 151.7050, 4.0894,
-5.0033

■ 142.2250, 8.7631,
-10.7213

■ 161.1850, -0.5842,
0.7148

■ 132.7450, 13.4367,
-16.4394

■ 170.6650, -5.2578,
6.4328

■ 123.2650, 18.1104,
-22.1574

■ 180.1450, -9.9315,
12.1508

■ 113.7850, 22.7840,
-27.8754

■ 189.6250,
-14.6051, 17.8689

■ 104.3050, 27.4576,
-33.5935

■ 199.1050,
-19.2788, 23.5869

■ 94.8250, 32.1313,
-39.3115

■ 208.5850,
-23.9524, 29.3050

■ 85.3450, 36.8049,
-45.0296

■ 217.1680,
-28.1838, 33.1787

■ 75.8650, 41.4786,
-50.7476

■ 221.8640,
-30.4990, 29.0603

■ 66.3850, 46.1522,
-56.4656

■ 226.5600,
-32.8141, 24.9419

Harmonies

Analogous

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



151.1670, 3.3687, -7.1625



151.7050, 4.0894, -5.0033



152.6130, 3.6418, -1.4146

Triad

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



151.7050, 4.0894, -5.0033



152.7020, -1.3321, 7.2773



151.2940, -2.6099, -2.8888

Complementary

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



151.7050, 4.0894, -5.0033



154.2950, -4.0894, 5.0033

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.



151.9740, -3.9312, 0.8998



151.7050, 4.0894, -5.0033



152.8330, -3.3687, 7.1625

Square

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



151.7050, 4.0894, -5.0033



153.4460, 0.2731, 5.7479



152.2950, -4.0894, 5.0033



150.5540, -0.2731, -5.7479

Rectangle

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



151.7050, 4.0894, -5.0033



152.8090, 3.0522, 1.0445



152.2950, -4.0894, 5.0033



151.1910, -3.0522, -1.0445

Sweetspot

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



151.7050, 4.0894, -5.0033



205.4450, 1.7526, -2.1443



155.0160, -0.9939, -7.9070



101.7440, 1.6052, -1.5295



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



151.7050, 4.0894, -5.0033



195.6660, 6.5737, -8.4771



147.5960, 6.1152, -1.3997



74.2600, 2.3368, -2.8590



57.9790, 41.9154, -50.8476



6.4060, 4.2368, -5.6181

Inverse Universe

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



150.9840, 0.9939, 7.9070



194.2450, 1.8512, 12.9401



158.4040, -6.1152, 1.3997



73.8480, 0.5679, 4.5183



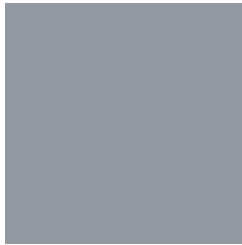
50.8510, 9.9335, 80.8147



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 151.7050, 4.0894, -5.0033 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 151.7050, 4.0894, -5.0033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

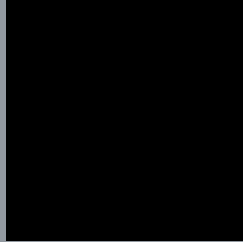
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

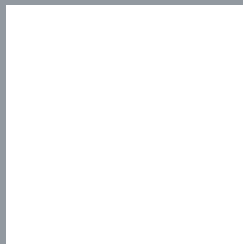
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 151.7050, 4.0894, -5.0033

Background



This preview shows how black text looks on a background with the YUV color 151.7050, 4.0894, -5.0033.



This preview shows how white text looks on a background with the YUV color 151.7050, 4.0894,

-5.0033.

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

151.7050, 4.0894, -5.0033

Protanopia

152.5100, 3.1996, 0.4297

Deuteranopia

153.9670, 3.4673, 7.9219



Tritanopia

151.8730, 5.9786, -4.2736

Trichromacy



Original Color

151.7050, 4.0894, -5.0033

Protanomaly

152.2000, 3.3524, -1.9294

Deuteranomaly

153.3470, 3.7729, 3.2037

Tritanomaly

151.7590, 5.5418, -4.1736

Monochromacy



Original Color

151.7050, 4.0894, -5.0033

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.7440, 1.6052, -1.5295

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.7050, 4.0894, -5.0033 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, 153, 160)` looks like.

```
.text, #text, p{  
    color:rgb(146, 153, 160)  
}
```

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, 153, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 153, 160) }
```

Border

The CSS property to change the border of an element to YUV 151.7050, 4.0894, -5.0033 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, 153, 160) }
```


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

```
.border{ border-color:rgb(146, 153, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 153, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 153, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 153, 160);  
box-shadow:4px 4px 4px 4px rgb(146, 153,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 151.7050, 4.0894, -5.0033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 153, 160) }
```

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

```
.background{ background-color: rgb(146,  
153, 160) }
```

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