

Converting Colors

YUV(151.5630, 26.3444,
-3.1248)

Have a look what the booklet for
YUV(151.5630, 26.3444, -3.1248)
contains.

YUV(151.5630, 26.3444, -3.1248)	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(151.5630, 26.3444,
-3.1248)**

Conversions

Conversions Part 1

Format	Color
Hex	948FCD
RGB	148, 143, 205
RGB Percent	58%, 56%, 80%
CMY	0.4196, 0.4392, 0.1961
CMYK	0.28, 0.30, 0.00, 0.20
HSL	245°, 38%, 68%
HSV	245°, 30%, 80%
XYZ	33.0546, 30.3486, 61.8733
YIQ	151.5630, -16.9220, 20.3420

Conversions

Conversions Part 2

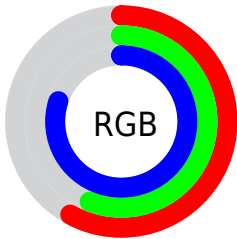
Format	Color
R_{YB}	148, 143, 205
Decimal	9736141
CIE Lab	61.95, 15.61, -31.25
CIE LCh	62, 34.935, 296.536
Yxy	30.3486, 0.2639, 0.2423
Android (android.graphics.Color)	4287926221 (0xFF948FCD)
YUV	151.5630, 26.3444, -3.1248
Hunter-Lab	55.0896, 10.6962, -28.0283

Details

The YUV color **151.5630, 26.3444, -3.1248** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **196.4370, -26.3444, 3.1248**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4060, 24.4498, -2.1101**, and **100.3950, 24.4553, -3.8544** is the 20% darker color. If you saturate the color by 10%, you get **133.5550, 35.2224, -3.9947**, and if you desaturate by 10%, it is **168.9840, 17.7559, -1.7400**.

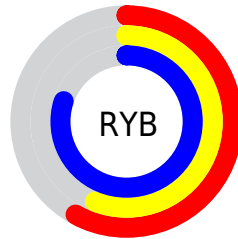
Distribution



Red (58%)

Green (56%)

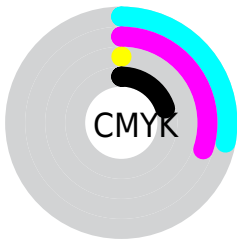
Blue (80%)



Red (58%)

Yellow (56%)

Blue (80%)

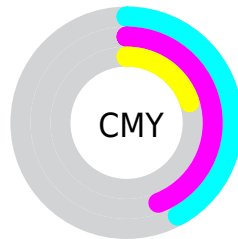


Cyan (28%)

Magenta (30%)

Yellow (0%)

Black (20%)



Cyan (42%)

Magenta (44%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.5630, 26.3444, -3.1248 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 151.5630, 26.3444, -3.1248 by changing the saturation by 10% instead.

■ 151.5630, 26.3444,
-3.1248

■ 151.5630, 26.3444,
-3.1248

255.0000, 0.0000,
0.0000

■ 125.0360, 25.6183,
-3.5396

■ 205.4060, 24.4498,
-2.1101

■ 100.3950, 24.4553,
-3.8544

■ 230.5130, 12.0721,
1.3041

■ 75.5690, 23.8765,
-4.8840

■ 253.8260, 0.5788,
1.0296

■ 52.3300, 23.0083,
-6.4284

■ 29.4930, 22.4350,
-9.2024

■ 5.9280, 22.7135,
-5.1989

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 151.5630, 26.3444,
-3.1248

■ 151.5630, 26.3444,
-3.1248

■ 133.5550, 35.2224,
-3.9947

■ 168.9840, 17.7559,
-1.7400

■ 116.1340, 43.8109,
-5.3795

■ 186.9920, 8.8779,
-0.8700

■ 98.1260, 52.6889,
-6.2495

■ 205.0000, 0.0000,
0.0000

■ 81.0040, 61.1300,
-7.0195

■ 222.1220, -8.4411,
0.7700

■ 62.9960, 70.0080,
-7.8895

■ 240.1300,
-17.3191, 1.6400

■ 45.5750, 78.5965,
-9.2743

■ 249.3000,
-21.8399, 4.9989

■ 28.4530, 87.0377,
-10.0443

Harmonies

Analogous

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



143.7540, 33.1523, -40.1263



151.5630, 26.3444, -3.1248



153.7750, 14.9009, 27.3843

Triad

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



151.5630, 26.3444, -3.1248



150.0210, -25.1534, 41.2006



132.8090, 6.0102, -61.2225

Complementary

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



151.5630, 26.3444, -3.1248



196.4370, -26.3444, 3.1248

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.



140.1860, -12.4167, -30.8581



151.5630, 26.3444, -3.1248



147.9340, -30.0405, 21.9829

Square

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



151.5630, 26.3444, -3.1248



151.1760, -13.3978, 50.7116



144.6320, -25.4546, -2.3083



119.3000, 27.9531, -99.3641

Rectangle

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



151.5630, 26.3444, -3.1248



153.4580, 5.6902, 41.6943



144.6320, -25.4546, -2.3083



135.4530, -0.7163, -50.3863

Sweetspot

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



151.5630, 26.3444, -3.1248



235.2200, 9.7515, -1.0699



184.1140, 10.2968, -36.0570



115.3080, 6.2572, -0.2701



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



151.5630, 26.3444, -3.1248



175.8800, 39.0062, -4.2798



160.5330, 21.9222, 15.3186



93.4390, 4.2206, -0.3850



22.8110, 70.5922, -8.6042



5.2290, 16.1561, -1.9548

Inverse Universe

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



168.0360, 15.7583, 32.4174



200.1980, 23.5664, 48.0614



187.4670, -21.9222, -15.3186



96.0160, 2.4571, 5.2480



66.9620, 41.9237, 86.8563



15.3520, 9.6865, 19.8623

Previews

White Background



This preview shows how the YUV color 151.5630, 26.3444, -3.1248 looks on a white background.

Color Contrast Check

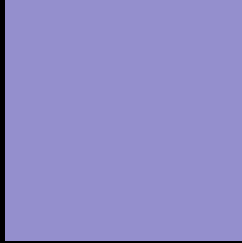
Large Text (above 18pt) WCAG AA × Fail

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 151.5630, 26.3444, -3.1248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

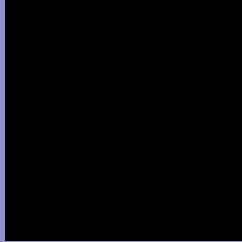
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.5630, 26.3444, -3.1248

Background



This preview shows how black text looks on a background with the YUV color 151.5630, 26.3444, -3.1248.



This preview shows how white text looks on a background with the YUV color 151.5630, 26.3444, -3.1248.

-3.1248.

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

151.5630, 26.3444, -3.1248

Protanopia

149.8710, 29.1506, -16.5499

Deuteranopia

149.8990, 26.6718, -14.8204



Tritanopia

149.0790, 6.8631, -7.9623

Trichromacy



Original Color

151.5630, 26.3444, -3.1248

Protanomaly

150.3770, 28.4081, -11.7316

Deuteranomaly

150.2200, 26.5135, -10.7169

Tritanomaly

149.9250, 13.8410, -6.0732

Monochromacy



Original Color

151.5630, 26.3444, -3.1248

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1060, 9.3147, -0.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.5630, 26.3444, -3.1248 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(148, 143, 205)` looks like.

```
.text, #text, p{  
    color:rgb(148, 143, 205)  
}
```

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(148, 143, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 143, 205) }
```

Border

The CSS property to change the border of an element to YUV 151.5630, 26.3444, -3.1248 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(148, 143, 205) }
```


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

```
.border{ border-color:rgb(148, 143, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 143, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 143, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 143, 205);  
box-shadow:4px 4px 4px 4px rgb(148, 143,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 151.5630, 26.3444, -3.1248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 143, 205) }
```

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

```
.background{ background-color: rgb(148,  
143, 205) }
```

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