

Converting Colors

YUV(141.3440, 28.4244,
-16.9647)

Have a look what the booklet for
YUV(141.3440, 28.4244, -16.9647)
contains.

YUV(141.3440, 28.4244, -16.9647)	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(141.3440, 28.4244,
-16.9647)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8CC7
RGB	122, 140, 199
RGB Percent	48%, 55%, 78%
CMY	0.5216, 0.4510, 0.2196
CMYK	0.39, 0.30, 0.00, 0.22
HSL	226°, 41%, 63%
HSV	226°, 39%, 78%
XYZ	27.7129, 27.0173, 57.7871
YIQ	141.3440, -29.6670, 14.5330

Conversions

Conversions Part 2

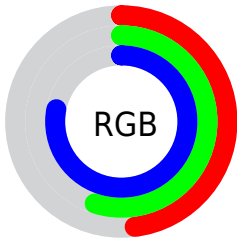
Format	Color
RYB	122, 137, 199
Decimal	8031431
CIELab	58.99, 8.32, -32.63
CIElCh	59, 33.677, 284.299
Yxy	27.0173, 0.2463, 0.2401
Android (android.graphics.Color)	4286221511 (0xFF7A8CC7)
YUV	141.3440, 28.4244, -16.9647
Hunter-Lab	51.9781, 4.2082, -29.5314

Details

The YUV color $141.3440, 28.4244, -16.9647$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $179.6560, -28.4244, 16.9647$, and the grayscale version is $141.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $195.2840, 29.4400, -16.0351$, and $89.9910, 27.1194, -18.4091$ is the 20% darker color. If you saturate the color by 10%, you get $126.5590, 35.7134, -21.5382$, and if you desaturate by 10%, it is $156.1290, 21.1354, -12.3911$.

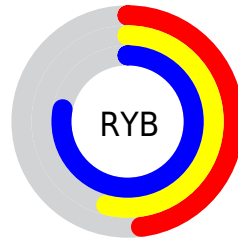
Distribution



Red (48%)

Green (55%)

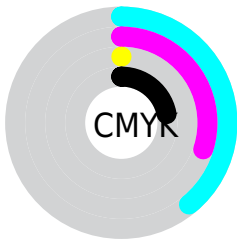
Blue (78%)



Red (48%)

Yellow (54%)

Blue (78%)

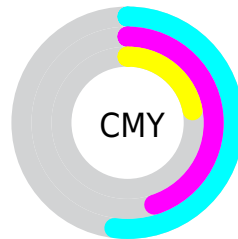


Cyan (39%)

Magenta (30%)

Yellow (0%)

Black (22%)



Cyan (52%)

Magenta (45%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.3440, 28.4244, -16.9647 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 141.3440, 28.4244, -16.9647 by changing the saturation by 10% instead.

■ 141.3440, 28.4244,
-16.9647

■ 141.3440, 28.4244,
-16.9647

255.0000, 0.0000,
0.0000

■ 115.5180, 27.8456,
-17.9943

■ 195.2840, 29.4400,
-16.0351

■ 89.9910, 27.1194,
-18.4091

■ 220.0920, 17.2096,
-13.2357

■ 65.4530, 26.3987,
-20.5683

■ 245.7860, 4.5425,
-10.3363

■ 39.8220, 26.7098,
-27.0309

■ 22.6550, 23.3411,
-19.8684

■ 5.9450, 20.2401,
-5.2138

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 141.3440, 28.4244,
-16.9647

■ 141.3440, 28.4244,
-16.9647

■ 126.5590, 35.7134,
-21.5382

■ 156.1290, 21.1354,
-12.3911

■ 111.7740, 43.0024,
-26.1118

■ 170.9140, 13.8464,
-7.8176

■ 96.4020, 50.5808,
-30.1706

■ 186.2860, 6.2680,
-3.7588

■ 81.6170, 57.8698,
-34.7441

■ 201.0710, -1.0210,
0.8147

■ 67.1310, 65.0114,
-38.7029

■ 215.8560, -8.3100,
5.3883

■ 52.3460, 72.3004,
-43.2764

■ 230.3420,
-15.4516, 9.3471

■ 50.2750, 73.3214,
-44.0912

■ 243.9200,
-22.1456, 9.7172

■ 248.6160,
-24.4607, 5.5988

Harmonies

Analogous

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



130.9650, 33.0483, -53.4663



141.3440, 28.4244, -16.9647



145.4360, 19.0121, 15.4036

Triad

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



141.3440, 28.4244, -16.9647



143.0090, -20.2174, 44.7191



129.1330, -2.0376, -46.5976

Complementary

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



141.3440, 28.4244, -16.9647



179.6560, -28.4244, 16.9647

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.



134.5960, -17.5488, -18.0627



141.3440, 28.4244, -16.9647



141.2600, -27.7362, 29.5900

Square

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



141.3440, 28.4244, -16.9647



144.3590, -7.5720, 48.7972



138.6440, -26.9395, 7.3282



119.2010, 18.1419, -79.1063

Rectangle

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



141.3440, 28.4244, -16.9647



146.0700, 10.8115, 32.3876



138.6440, -26.9395, 7.3282



131.5920, -8.1799, -36.4762

Sweetspot

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



141.3440, 28.4244, -16.9647



232.2300, 11.2256, -7.2177



173.8110, 3.0512, -45.4382



114.4000, 6.7048, -3.8588



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.



141.3440, 28.4244, -16.9647



167.1870, 43.2918, -25.5970



136.4590, 30.8327, 3.9825



92.2000, 3.3524, -1.9294



40.8880, 60.2012, -35.8588



8.8000, 13.4096, -7.7176

Inverse Universe

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



147.0750, -3.4880, 45.5382



176.0610, -5.4531, 69.2295



184.5410, -30.8327, -3.9825



92.9190, -0.4531, 5.3330



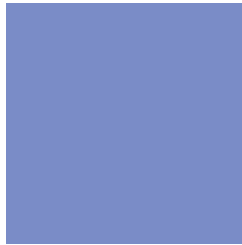
53.0690, -7.4290, 96.4095



11.6760, -1.8123, 21.3321

Previews

White Background



This preview shows how the YUV color 141.3440, 28.4244, -16.9647 looks on a white background.

Color Contrast Check

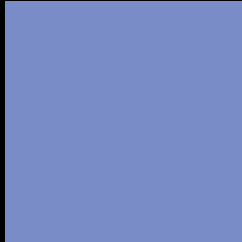
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.3440, 28.4244, -16.9647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

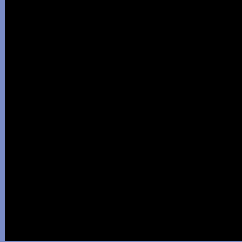
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 141.3440, 28.4244, -16.9647

Background



This preview shows how black text looks on a background with the YUV color 141.3440, 28.4244, -16.9647.



This preview shows how white text looks on a background with the YUV color 141.3440, 28.4244, -16.9647.

-16.9647.

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

141.3440, 28.4244, -16.9647

Protanopia

141.9420, 28.1296, -15.7351

Deuteranopia

141.3440, 28.4244, -16.9647



Tritanopia

138.4900, 10.1114, -23.2317

Trichromacy



Original Color

141.3440, 28.4244, -16.9647

Protanomaly

141.6430, 28.2770, -16.3499

Deuteranomaly

141.3440, 28.4244, -16.9647

Tritanomaly

139.6350, 16.9419, -20.7279

Monochromacy



Original Color

141.3440, 28.4244, -16.9647

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.3010, 10.2046, -6.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.3440, 28.4244, -16.9647 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(122, 140, 199)` looks like.

```
.text, #text, p{  
    color:rgb(122, 140, 199)  
}
```

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(122, 140, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 140, 199) }
```

Border

The CSS property to change the border of an element to YUV 141.3440, 28.4244, -16.9647 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(122, 140, 199) }
```


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

```
.border{ border-color:rgb(122, 140, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 140, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 140, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 140, 199);  
box-shadow:4px 4px 4px 4px rgb(122, 140,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 141.3440, 28.4244, -16.9647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 140, 199) }
```

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

```
.background{ background-color: rgb(122,  
140, 199) }
```

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