

Converting Colors

YUV(157.4960, 27.8565,
-21.4830)

Have a look what the booklet for
YUV(157.4960, 27.8565, -21.4830)
contains.

YUV(157.4960, 27.8565, -21.4830)	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(157.4960, 27.8565,
-21.4830)**

Conversions

Conversions Part 1

Format	Color
Hex	859FD6
RGB	133, 159, 214
RGB Percent	52%, 62%, 84%
CMY	0.4784, 0.3765, 0.1608
CMYK	0.38, 0.26, 0.00, 0.16
HSL	221°, 50%, 68%
HSV	221°, 38%, 84%
XYZ	34.2086, 34.6379, 68.5011
YIQ	157.4960, -33.1510, 11.5930

Conversions

Conversions Part 2

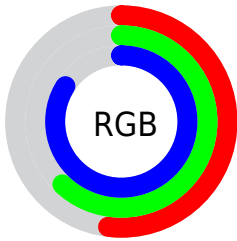
Format	Color
R _Y B	133, 153, 214
Decimal	8757206
CIE Lab	65.47, 4.52, -30.91
CIE LCh	65, 31.243, 278.309
Yxy	34.6379, 0.2491, 0.2522
Android (android.graphics.Color)	4286947286 (0xFF859FD6)
YUV	157.4960, 27.8565, -21.4830
Hunter-Lab	58.8539, 0.7580, -27.8109

Details

The YUV color **157.4960, 27.8565, -21.4830** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **189.5040, -27.8565, 21.4830**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9000, 21.7413, -20.0833**, and **105.4420, 26.4041, -22.3126** is the 20% darker color. If you saturate the color by 10%, you get **142.4120, 35.2929, -26.6713**, and if you desaturate by 10%, it is **172.5800, 20.4201, -16.2947**.

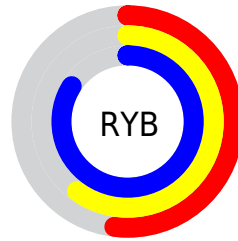
Distribution



Red (52%)

Green (62%)

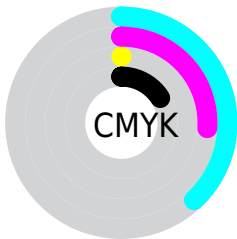
Blue (84%)



Red (52%)

Yellow (60%)

Blue (84%)

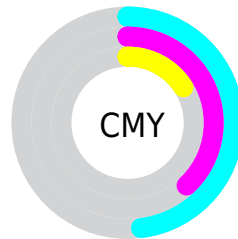


Cyan (38%)

Magenta (26%)

Yellow (0%)

Black (16%)



Cyan (48%)

Magenta (38%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.4960, 27.8565, -21.4830 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 157.4960, 27.8565, -21.4830 by changing the saturation by 10% instead.

■ 157.4960, 27.8565,
-21.4830

■ 157.4960, 27.8565,
-21.4830

■ 255.0000, 0.0000,
0.0000

■ 130.9690, 27.1303,
-21.8978

■ 210.9000, 21.7413,
-20.0833

■ 105.4420, 26.4041,
-22.3126

■ 236.0070, 9.3635,
-16.6691

■ 80.3170, 25.9727,
-23.9570

■ 252.3090, 1.3267,
-5.5330

■ 54.8820, 25.6942,
-27.9605

■ 32.3550, 24.9680,
-28.3753

■ 17.8790, 20.2727,
-15.6799

■ 5.3920, 15.5827,

-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 157.4960, 27.8565,
-21.4830

■ 157.4960, 27.8565,
-21.4830

■ 142.4120, 35.2929,
-26.6713

■ 172.5800, 20.4201,
-16.2947

■ 127.6160, 42.5873,
-32.9892

■ 187.3760, 13.1256,
-9.9768

■ 112.5320, 50.0237,
-38.1776

■ 202.4600, 5.6892,
-4.7884

■ 97.7360, 57.3182,
-44.4955

■ 217.2560, -1.6052,
1.5295

■ 82.6520, 64.7546,
-49.6838

■ 232.3400, -9.0416,
6.7178

■ 68.1550, 71.9016,
-55.3869

■ 245.0430,
-15.3042, 8.7323

■ 64.8990, 73.5068,
-56.9164

■ 250.3260,
-17.9087, 4.0991

Harmonies

Analogous

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



148.8790, 30.1327, -51.6369



157.4960, 27.8565, -21.4830



162.3320, 20.0493, 9.3558

Triad

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



157.4960, 27.8565, -21.4830



160.8070, -17.1599, 44.0193



149.1620, -5.9959, -36.9761

Complementary

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



157.4960, 27.8565, -21.4830



189.5040, -27.8565, 21.4830

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.



153.4720, -19.4597, -11.8149



157.4960, 27.8565, -21.4830



158.9660, -25.1262, 32.4788

Square

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



157.4960, 27.8565, -21.4830



162.3200, -5.0878, 45.3234



156.4920, -26.3716, 11.8465



143.4870, 11.0989, -60.0631

Rectangle

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



157.4960, 27.8565, -21.4830



163.1940, 12.7224, 26.1399



156.4920, -26.3716, 11.8465



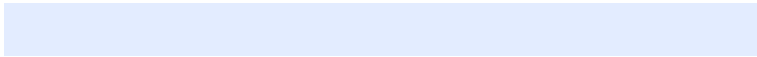
150.3650, -10.5329, -28.3841

Sweetspot

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



157.4960, 27.8565, -21.4830



235.4750, 9.6258, -7.4326



186.7030, 0.1464, -47.0975



115.8730, 5.9786, -4.2736



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.



157.4960, 27.8565, -21.4830



174.8290, 39.5243, -30.5450



146.1210, 33.4643, -0.1061



99.6020, 3.6472, -3.1590



51.7790, 58.7760, -45.4102



13.1200, 14.7308, -11.5062

Inverse Universe

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



160.1830, -0.5832, 47.1975



178.6030, -0.7903, 67.0002



200.8790, -33.4643, 0.1061



99.7450, 0.1257, 6.3626



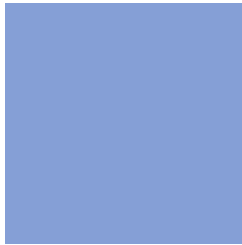
57.3990, -1.1827, 99.6281



14.4530, -0.2233, 25.0357

Previews

White Background



This preview shows how the YUV color 157.4960, 27.8565, -21.4830 looks on a white background.

Color Contrast Check

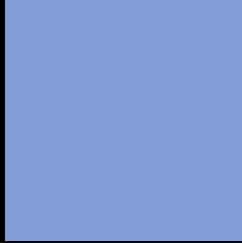
Large Text (above 18pt) WCAG AA × Fail

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 157.4960, 27.8565, -21.4830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

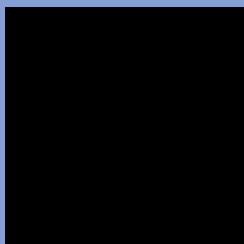
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

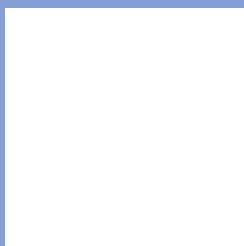
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 157.4960, 27.8565, -21.4830

Background



This preview shows how black text looks on a background with the YUV color 157.4960, 27.8565, -21.4830.



This preview shows how white text looks on a background with the YUV color 157.4960, 27.8565, -21.4830.

-21.4830.

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

157.4960, 27.8565, -21.4830

Protanopia

159.0840, 26.0876, -14.1057

Deuteranopia

158.5400, 27.8348, -14.5056



Tritanopia

154.9240, 11.8695, -27.1203

Trichromacy



Original Color

157.4960, 27.8565, -21.4830

Protanomaly

158.5890, 26.8246, -17.1796

Deuteranomaly

158.2300, 27.9876, -16.8647

Tritanomaly

155.5420, 17.9738, -25.0313

Monochromacy



Original Color

157.4960, 27.8565, -21.4830

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.2900, 10.2100, -8.1473

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.4960, 27.8565, -21.4830 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(133, 159, 214)` looks like.

```
.text, #text, p{  
    color:rgb(133, 159, 214)  
}
```

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(133, 159, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 159, 214) }
```

Border

The CSS property to change the border of an element to YUV 157.4960, 27.8565, -21.4830 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(133, 159, 214) }
```


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

```
.border{ border-color:rgb(133, 159, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 159, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 159, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 159, 214);  
box-shadow:4px 4px 4px 4px rgb(133, 159,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 157.4960, 27.8565, -21.4830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 159, 214) }
```

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

```
.background{ background-color: rgb(133,  
159, 214) }
```

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