

Converting Colors

YUV(165.9940, 19.2300,
-7.8877)

Have a look what the booklet for
YUV(165.9940, 19.2300, -7.8877)
contains.

YUV(165.9940, 19.2300, -7.8877)	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(165.9940, 19.2300,
-7.8877)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA3CD
RGB	157, 163, 205
RGB Percent	62%, 64%, 80%
CMY	0.3843, 0.3608, 0.1961
CMYK	0.23, 0.20, 0.00, 0.20
HSL	233°, 32%, 71%
HSV	233°, 23%, 80%
XYZ	38.0213, 37.7703, 63.0441
YIQ	165.9940, -17.0580, 11.7900

Conversions

Conversions Part 2

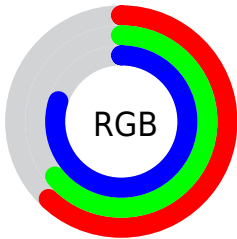
Format	Color
RYB	157, 162, 205
Decimal	10331085
CIELab	67.85, 6.98, -22.13
CIElCh	68, 23.202, 287.520
Yxy	37.7703, 0.2739, 0.2721
Android (android.graphics.Color)	4288521165 (0xFF9DA3CD)
YUV	165.9940, 19.2300, -7.8877
Hunter-Lab	61.4575, 2.8800, -17.8003

Details

The YUV color $165.9940, 19.2300, -7.8877$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $196.0060, -19.2300, 7.8877$, and the grayscale version is $166.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $220.4240, 17.0460, -7.3878$, and $113.7660, 18.3564, -7.6878$ is the 20% darker color. If you saturate the color by 10%, you get $149.4480, 27.3871, -10.9169$, and if you desaturate by 10%, it is $182.8390, 10.9254, -4.2438$.

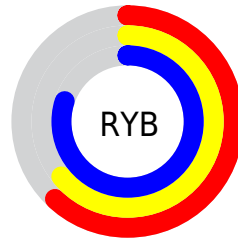
Distribution



Red (62%)

Green (64%)

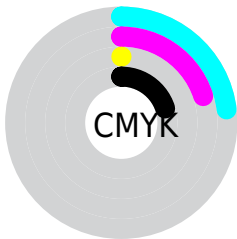
Blue (80%)



Red (62%)

Yellow (64%)

Blue (80%)

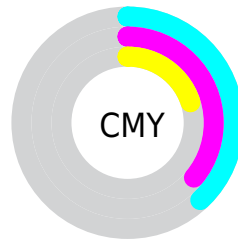


Cyan (23%)

Magenta (20%)

Yellow (0%)

Black (20%)



Cyan (38%)

Magenta (36%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.9940, 19.2300, -7.8877 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 165.9940, 19.2300, -7.8877 by changing the saturation by 10% instead.

■ 165.9940, 19.2300,
-7.8877

■ 165.9940, 19.2300,
-7.8877

255.0000, 0.0000,
0.0000

■ 139.4670, 18.5038,
-8.3026

■ 220.4240, 17.0460,
-7.3878

■ 113.7660, 18.3564,
-7.6878

■ 245.5310, 4.6682,
-3.9737

■ 89.2390, 17.6302,
-8.1026

■ 65.7120, 16.9040,
-8.5174

■ 42.8860, 16.3252,
-9.5470

■ 21.0490, 15.7518,
-12.3210

■ 4.7080, 12.9620,

-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 165.9940, 19.2300,
-7.8877

■ 165.9940, 19.2300,
-7.8877

■ 149.4480, 27.3871,
-10.9169

■ 182.8390, 10.9254,
-4.2438

■ 132.6030, 35.6917,
-14.5608

■ 199.3850, 2.7682,
-1.2146

■ 116.0570, 43.8489,
-17.5900

■ 216.2300, -5.5364,
2.4293

■ 99.2120, 52.1535,
-21.2339

■ 232.7760,
-13.6936, 5.4584

■ 82.6660, 60.3107,
-24.2631

■ 248.1260,
-21.2611, 6.0285

■ 65.8210, 68.6152,
-27.9070

■ 249.3000,
-21.8399, 4.9989

■ 49.2750, 76.7724,
-30.9362

■ 38.6320, 82.0194,
-33.8803

Harmonies

Analogous

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



161.5460, 21.9158, -29.4198



165.9940, 19.2300, -7.8877



168.7040, 12.4709, 13.4146

Triad

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



165.9940, 19.2300, -7.8877



166.4850, -15.5221, 32.0237



158.1610, -1.0654, -31.7132

Complementary

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



165.9940, 19.2300, -7.8877



196.0060, -19.2300, 7.8877

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.



160.2250, -11.4499, -14.2293



165.9940, 19.2300, -7.8877



165.2680, -19.8521, 20.8130

Square

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



165.9940, 19.2300, -7.8877



168.3850, -7.0918, 34.7424



163.0980, -18.7823, 4.2991



156.0700, 10.3185, -43.0344

Rectangle

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



165.9940, 19.2300, -7.8877



168.8750, 6.4706, 24.6656



163.0980, -18.7823, 4.2991



158.8690, -4.8654, -26.1951

Sweetspot

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



165.9940, 19.2300, -7.8877



240.2260, 7.2836, -2.8292



189.9640, 4.4547, -28.9094



119.4280, 4.2260, -2.1294



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.



165.9940, 19.2300, -7.8877



197.3770, 28.4081, -11.7316



167.8540, 18.3130, 6.2670



93.7270, 4.0786, -1.5146



31.2510, 66.4313, -27.4071



7.2670, 15.1514, -6.3732

Inverse Universe

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



172.0360, -4.4547, 28.9094



206.2550, -6.5347, 42.7494



194.1460, -18.3130, -6.2670



95.1040, -1.0373, 6.0478



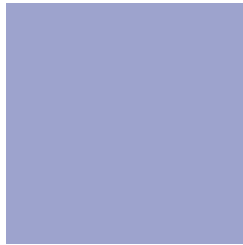
52.0280, -15.2968, 99.9534



11.9320, -3.4175, 22.8616

Previews

White Background



This preview shows how the YUV color 165.9940, 19.2300, -7.8877 looks on a white background.

Color Contrast Check

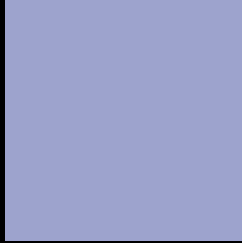
Large Text (above 18pt) WCAG AA × Fail

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 165.9940, 19.2300, -7.8877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

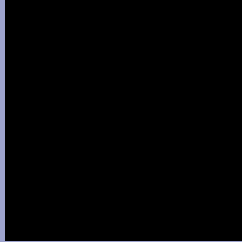
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.9940, 19.2300, -7.8877

Background



This preview shows how black text looks on a background with the YUV color 165.9940, 19.2300, -7.8877.



This preview shows how white text looks on a background with the YUV color 165.9940, 19.2300, -7.8877.

-7.8877.

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

165.9940, 19.2300, -7.8877

Protanopia

165.3960, 19.5248, -9.1173

Deuteranopia

166.6030, 18.9297, -4.9138



Tritanopia

164.1110, 8.3263, -10.6213

Trichromacy



Original Color

165.9940, 19.2300, -7.8877

Protanomaly

165.6950, 19.3774, -8.5025

Deuteranomaly

166.3040, 19.0771, -5.5286

Tritanomaly

165.1480, 12.2520, -9.7768

Monochromacy



Original Color

165.9940, 19.2300, -7.8877

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1120, 6.8468, -2.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.9940, 19.2300, -7.8877 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(157, 163, 205)` looks like.

```
.text, #text, p{  
    color:rgb(157, 163, 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(157, 163, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 163, 205) }
```

Border

The CSS property to change the border of an element to YUV 165.9940, 19.2300, -7.8877 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(157, 163, 205) }
```


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

```
.border{ border-color:rgb(157, 163, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 163, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 163, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 163, 205);  
box-shadow:4px 4px 4px 4px rgb(157, 163,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 165.9940, 19.2300, -7.8877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 163, 205) }
```

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

```
.background{ background-color: rgb(157,  
163, 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](#).

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