

Converting Colors

YUV(191.1980, 13.2134, 8.5964)

Have a look what the booklet for
YUV(191.1980, 13.2134, 8.5964)
contains.

YUV(191.1980, 13.2134, 8.5964)	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(191.1980, 13.2134,
8.5964)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B5DA
RGB	201, 181, 218
RGB Percent	79%, 71%, 85%
CMY	0.2118, 0.2902, 0.1451
CMYK	0.08, 0.17, 0.00, 0.15
HSL	272°, 33%, 78%
HSV	272°, 17%, 85%
XYZ	53.2662, 50.5272, 73.2750
YIQ	191.1980, 0.0430, 15.7470

Conversions

Conversions Part 2

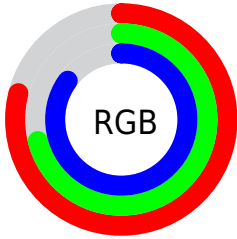
Format	Color
RYB	201, 181, 218
Decimal	13219290
CIELab	76.39, 13.99, -15.97
CIELCh	76, 21.231, 311.223
Yxy	50.5272, 0.3008, 0.2854
Android (android.graphics.Color)	4291409370 (0xFFC9B5DA)
YUV	191.1980, 13.2134, 8.5964
Hunter-Lab	71.0825, 9.3658, -11.3610

Details

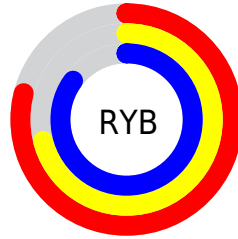
The YUV color **191.1980, 13.2134, 8.5964** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **207.8020, -13.2134, -8.5964**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.4340, 5.2090, 9.2664**, and **137.6710, 12.4872, 8.1815** is the 20% darker color. If you saturate the color by 10%, you get **175.2940, 21.0541, 13.7742**, and if you desaturate by 10%, it is **207.1020, 5.3727, 3.4185**.

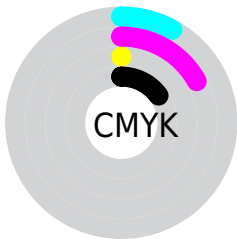
Distribution



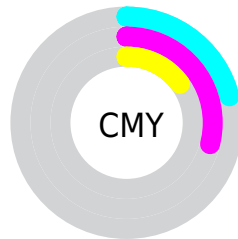
- Red (79%)
- Green (71%)
- Blue (85%)



- Red (79%)
- Yellow (71%)
- Blue (85%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.1980, 13.2134, 8.5964 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 191.1980, 13.2134, 8.5964 by changing the saturation by 10% instead.

■ 191.1980, 13.2134,
8.5964

■ 191.1980, 13.2134,
8.5964

255.0000, 0.0000,
0.0000

■ 164.0840, 12.7766,
8.6963

■ 244.4340, 5.2090,
9.2664

■ 137.6710, 12.4872,
8.1815

■ 112.2580, 12.1978,
7.6667

■ 87.7310, 11.4716,
7.2519

■ 64.3180, 11.1822,
6.7371

■ 41.7910, 10.4560,
6.3223

■ 21.2640, 9.7298,

5.9075

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 191.1980, 13.2134,
8.5964

■ 191.1980, 13.2134,
8.5964

■ 175.2940, 21.0541,
13.7742

■ 207.1020, 5.3727,
3.4185

■ 159.3900, 28.8947,
18.9520

■ 223.0060, -2.4680,
-1.7593

■ 144.0730, 36.4460,
23.6150

■ 238.3230,
-10.0192, -6.4223

■ 128.1690, 44.2867,
28.7928

■ 246.5960,
-14.0978, -4.9077

■ 112.2650, 52.1274,
33.9706

■ 249.5860,
-15.5719, 1.2401

■ 96.3610, 59.9680,
39.1484

■ 250.7820,
-16.1615, 3.6992

■ 80.4570, 67.8087,
44.3262

■ 65.1400, 75.3600,
48.9892

■ 60.1340, 77.8279,
50.7485

Harmonies

Analogous

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



188.8580, 18.8040, -11.2765



191.1980, 13.2134, 8.5964



192.1200, 4.8708, 24.4508

Triad

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



191.1980, 13.2134, 8.5964



189.0340, -18.2578, 22.7722



180.5930, 7.1027, -38.2311

Complementary

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



191.1980, 13.2134, 8.5964



207.8020, -13.2134, -8.5964

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.



182.2110, -3.5550, -26.4950



191.1980, 13.2134, 8.5964



186.6470, -18.0670, 8.2026

Square

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



191.1980, 13.2134, 8.5964



190.3540, -13.4855, 32.1385



184.6170, -12.6292, -9.3111



181.2860, 16.1280, -39.7158

Rectangle

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



191.1980, 13.2134, 8.5964



192.0300, -1.9868, 30.6687



184.6170, -12.6292, -9.3111



181.1050, 3.8922, -35.1721

Sweetspot

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



191.1980, 13.2134, 8.5964



245.5750, 4.6465, 3.0037



195.1970, 11.2419, -12.4508



122.1080, 2.9048, 1.6593



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.



191.1980, 13.2134, 8.5964



218.1860, 18.1493, 12.1149



196.1670, 10.2707, 19.1475



102.0480, 3.9203, 2.5889



47.8280, 61.7098, 40.4928



12.7190, 16.4075, 10.7704

Inverse Universe

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



194.0010, 1.9715, 21.0471



221.8710, 2.5286, 29.0541



202.8330, -10.2707, -19.1475



102.8590, 0.5625, 6.2627



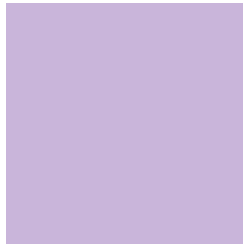
60.8470, 9.4424, 98.3582



16.1480, 2.3920, 26.1802

Previews

White Background



This preview shows how the YUV color 191.1980, 13.2134, 8.5964 looks on a white background.

Color Contrast Check

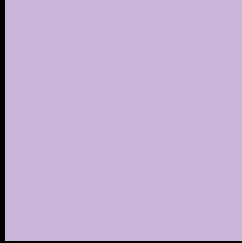
Large Text (above 18pt) WCAG AA × Fail

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 191.1980, 13.2134, 8.5964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

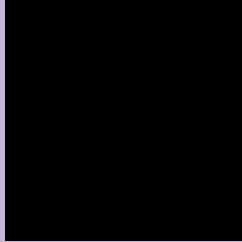
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.1980, 13.2134, 8.5964

Background



This preview shows how black text looks on a background with the YUV color 191.1980, 13.2134, 8.5964.



This preview shows how white text looks on a background with the YUV color 191.1980, 13.2134,

8.5964.

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

191.1980, 13.2134, 8.5964

Protanopia

189.4950, 16.0250, -6.5731

Deuteranopia

190.4530, 13.0877, 2.2337



Tritanopia

189.8960, 4.4883, 7.1072

Trichromacy



Original Color

191.1980, 13.2134, 8.5964

Protanomaly

190.3000, 15.1351, -1.1401

Deuteranomaly

190.7630, 12.9348, 4.5928

Tritanomaly

190.4060, 7.6878, 7.5369

Monochromacy



Original Color

191.1980, 13.2134, 8.5964

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.9880, 4.9359, 3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.1980, 13.2134, 8.5964 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(201, 181, 218)` looks like.

```
.text, #text, p{  
    color:rgb(201, 181, 218)  
}
```

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(201, 181, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 181, 218) }
```

Border

The CSS property to change the border of an element to YUV 191.1980, 13.2134, 8.5964 is called "border". The border property can be set on classes, ids or directly on the HTML element.

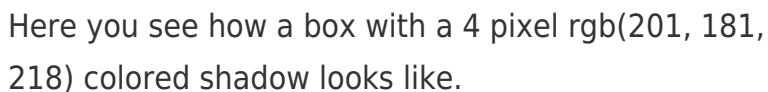
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 181, 218) }
```


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

```
.border{ border-color:rgb(201, 181, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 181, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 181, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 181, 218); box-shadow:4px 4px 4px 4px rgb(201, 181, 218) }
```

Background

The CSS property to change the background color of an element to YUV 191.1980, 13.2134, 8.5964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 181, 218) }
```

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

```
.background{ background-color: rgb(201,  
181, 218) }
```

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