

Converting Colors

YUV(191.2070, 19.6179, 7.7115)

Have a look what the booklet for
YUV(191.2070, 19.6179, 7.7115)
contains.

YUV(191.2070, 19.6179, 7.7115)	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(191.2070, 19.6179,
7.7115)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B3E7
RGB	200, 179, 231
RGB Percent	78%, 70%, 91%
CMY	0.2157, 0.2980, 0.0941
CMYK	0.13, 0.23, 0.00, 0.09
HSL	264°, 52%, 80%
HSV	264°, 23%, 91%
XYZ	54.3633, 50.2891, 82.4428
YIQ	191.2070, -4.1760, 20.6240

Conversions

Conversions Part 2

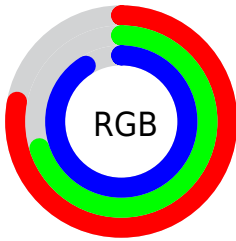
Format	Color
R_{YB}	200, 179, 231
Decimal	13153255
CIE _{Lab}	76.25, 17.43, -23.24
CIE _{LCh}	76, 29.052, 306.864
Yxy	50.2891, 0.2906, 0.2688
Android (android.graphics.Color)	4291343335 (0xFFC8B3E7)
YUV	191.2070, 19.6179, 7.7115
Hunter-Lab	70.9148, 12.7373, -19.2879

Details

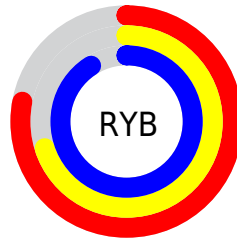
The YUV color **191.2070, 19.6179, 7.7115** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **218.7930, -19.6179, -7.7115**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2600, 5.7878, 10.2960**, and **137.5660, 18.4550, 7.3966** is the 20% darker color. If you saturate the color by 10%, you get **173.5200, 28.3376, 10.9450**, and if you desaturate by 10%, it is **208.8940, 10.8983, 4.4780**.

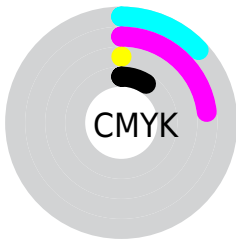
Distribution



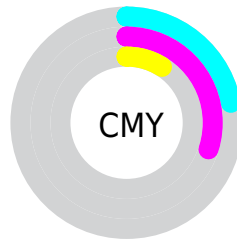
- Red (78%)
- Green (70%)
- Blue (91%)



- Red (78%)
- Yellow (70%)
- Blue (91%)



- Cyan (13%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.2070, 19.6179, 7.7115 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 191.2070, 19.6179, 7.7115 by changing the saturation by 10% instead.

■ 191.2070, 19.6179,
7.7115

■ 191.2070, 19.6179,
7.7115

255.0000, 0.0000,
0.0000

■ 163.7940, 19.3286,
7.1967

■ 243.2600, 5.7878,
10.2960

■ 137.5660, 18.4550,
7.3966

■ 112.1530, 18.1656,
6.8818

■ 87.3270, 17.5868,
5.8522

■ 63.8000, 16.8606,
5.4374

■ 41.8600, 15.8450,
4.5078

■ 20.0340, 15.2662,

3.4782

■ 3.8930, 12.3778,
-3.4142

■ 0.0000, 0.0000,
0.0000

■ 191.2070, 19.6179,
7.7115

■ 191.2070, 19.6179,
7.7115

■ 173.5200, 28.3376,
10.9450

■ 208.8940, 10.8983,
4.4780

■ 155.8330, 37.0573,
14.1785

■ 226.5810, 2.1786,
1.2445

■ 138.4450, 45.6296,
18.0267

■ 243.9690, -6.3937,
-2.6038

■ 120.7580, 54.3493,
21.2602

■ 252.2640,
-10.4832, 2.3995

■ 102.4840, 63.3584,
25.0085

■ 84.7970, 72.0781,
28.2420

■ 67.4090, 80.6504,
32.0903

■ 54.1410, 87.1915,
34.0793

Harmonies

Analogous

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



186.5670, 26.8355, -20.6683



191.2070, 19.6179, 7.7115



192.4890, 8.6329, 31.1431

Triad

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



191.2070, 19.6179, 7.7115



188.1940, -24.2526, 32.2789



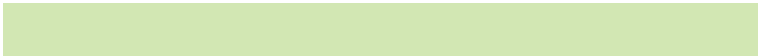
175.5480, 8.6038, -53.1006

Complementary

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



191.2070, 19.6179, 7.7115



218.7930, -19.6179, -7.7115

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.



179.0700, -6.4435, -33.3874



191.2070, 19.6179, 7.7115



185.8450, -25.0666, 13.2909

Square

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



191.2070, 19.6179, 7.7115



190.6220, -16.5756, 43.3045



182.8960, -19.1757, -9.5558



175.5330, 21.4292, -60.1034

Rectangle

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



191.2070, 19.6179, 7.7115



192.2530, -0.1247, 40.1201



182.8960, -19.1757, -9.5558



176.6150, 3.6408, -47.8974

Sweetspot

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



191.2070, 19.6179, 7.7115



241.1450, 6.8305, 2.5038



203.1250, 13.7424, -21.1576



119.4500, 4.2151, 1.3593



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.



191.2070, 19.6179, 7.7115



202.2380, 26.0117, 10.3153



198.9810, 15.7854, 23.6957



105.8630, 4.5045, 1.8741



41.9340, 67.5735, 26.3679



12.0930, 19.1812, 7.8114

Inverse Universe

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



198.0820, 5.8756, 28.8691



211.3050, 7.7376, 38.3205



211.0190, -15.7854, -23.6957



107.3860, 1.2887, 6.6775



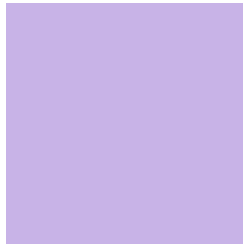
65.6050, 19.9147, 99.4474



18.6690, 5.5862, 28.3543

Previews

White Background



This preview shows how the YUV color 191.2070, 19.6179, 7.7115 looks on a white background.

Color Contrast Check

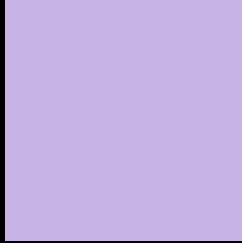
Large Text (above 18pt) WCAG AA × Fail

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 191.2070, 19.6179, 7.7115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

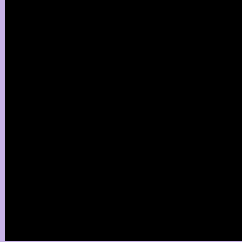
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.2070, 19.6179, 7.7115

Background



This preview shows how black text looks on a background with the YUV color 191.2070, 19.6179, 7.7115.



This preview shows how white text looks on a background with the YUV color 191.2070, 19.6179,

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

191.2070, 19.6179, 7.7115

Protanopia

188.7100, 23.3140, -11.1467

Deuteranopia

189.5430, 19.9453, -3.9842



Tritanopia

189.5860, 4.6411, 4.7481

Trichromacy



Original Color

191.2070, 19.6179, 7.7115

Protanomaly

189.4120, 21.9819, -3.8693

Deuteranomaly

189.8640, 19.7870, 0.1193

Tritanomaly

190.3780, 10.1666, 5.8075

Monochromacy



Original Color

191.2070, 19.6179, 7.7115

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.2590, 7.2673, 2.4039

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.2070, 19.6179, 7.7115 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(200, 179, 231)` looks like.

```
.text, #text, p{  
    color:rgb(200, 179, 231)  
}
```

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(200, 179, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 179, 231) }
```

Border

The CSS property to change the border of an element to YUV 191.2070, 19.6179, 7.7115 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(200, 179, 231) }
```


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

```
.border{ border-color:rgb(200, 179, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 179, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 179, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 179, 231);  
box-shadow:4px 4px 4px 4px rgb(200, 179,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 191.2070, 19.6179, 7.7115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 179, 231) }
```

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

```
.background{ background-color: rgb(200,  
179, 231) }
```

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