

Converting Colors

YUV(199.0890, 11.7881,
-0.9551)

Have a look what the booklet for
YUV(199.0890, 11.7881, -0.9551)
contains.

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Color

**YUV(199.0890, 11.7881,
-0.9551)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C3DF
RGB	198, 195, 223
RGB Percent	78%, 76%, 87%
CMY	0.2235, 0.2353, 0.1255
CMYK	0.11, 0.13, 0.00, 0.13
HSL	246°, 30%, 82%
HSV	246°, 13%, 87%
XYZ	56.1231, 56.3637, 77.7333
YIQ	199.0890, -7.2000, 9.3440

Conversions

Conversions Part 2

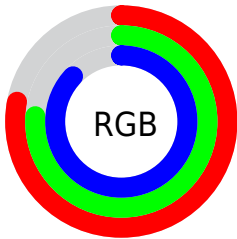
Format	Color
R_{YB}	198, 195, 223
Decimal	13026271
CIE _{Lab}	79.82, 6.45, -13.54
CIE _{LCh}	80, 15.002, 295.483
Yxy	56.3637, 0.2950, 0.2963
Android (android.graphics.Color)	4291216351 (0xFFC6C3DF)
YUV	199.0890, 11.7881, -0.9551
Hunter-Lab	75.0758, 2.0556, -8.8357

Details

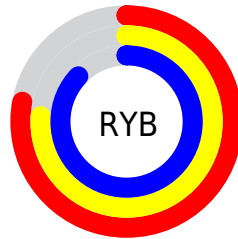
The YUV color $199.0890, 11.7881, -0.9551$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $218.9110, -11.7881, 0.9551$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8682, 1.5444$, and $144.9750, 11.3513, -0.8551$ is the 20% darker color. If you saturate the color by 10%, you get $180.1950, 21.1029, -1.9250$, and if you desaturate by 10%, it is $217.9830, 2.4734, 0.0149$.

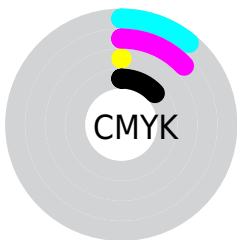
Distribution



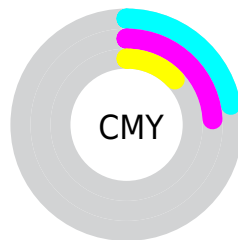
- Red (78%)
- Green (76%)
- Blue (87%)



- Red (78%)
- Yellow (76%)
- Blue (87%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.0890, 11.7881, -0.9551 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 199.0890, 11.7881, -0.9551 by changing the saturation by 10% instead.

■ 199.0890, 11.7881,
-0.9551

■ 199.0890, 11.7881,
-0.9551

255.0000, 0.0000,
0.0000

■ 171.9750, 11.3513,
-0.8551

■ 253.2390, 0.8682,
1.5444

■ 144.9750, 11.3513,
-0.8551

■ 119.4480, 10.6251,
-1.2699

■ 94.4480, 10.6251,
-1.2699

■ 71.2200, 9.7515,
-1.0699

■ 48.8070, 9.4621,
-1.5847

■ 27.2800, 8.7360,

-1.9996

■ 2.8500, 10.9200,
-2.4994

■ 0.0000, 0.0000,
0.0000

■ 199.0890, 11.7881,
-0.9551

■ 199.0890, 11.7881,
-0.9551

■ 180.1950, 21.1029,
-1.9250

■ 217.9830, 2.4734,
0.0149

■ 160.7140, 30.7070,
-2.3802

■ 237.4640, -7.1308,
0.4701

■ 141.8200, 40.0217,
-3.3501

■ 251.3520,
-13.9775, 3.1993

■ 122.9260, 49.3365,
-4.3201

■ 104.0320, 58.6512,
-5.2901

■ 84.8500, 68.1080,
-5.1304

■ 65.9560, 77.4227,
-6.1004

■ 47.0620, 86.7374,
-7.0704

■ 32.5980, 93.8682,
-7.5404

Harmonies

Analogous

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



196.8700, 13.8681, -14.7950



199.0890, 11.7881, -0.9551



200.4990, 6.6560, 11.8404

Triad

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



199.0890, 11.7881, -0.9551



199.3310, -11.9952, 20.7577



193.0850, 0.9441, -22.8765

Complementary

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



199.0890, 11.7881, -0.9551



218.9110, -11.7881, 0.9551

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.



194.3160, -6.0718, -12.5551



199.0890, 11.7881, -0.9551



197.5210, -13.5679, 11.8211

Square

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



199.0890, 11.7881, -0.9551



200.3190, -7.0593, 24.2762



196.3130, -11.4933, -0.2745



193.1860, 7.7963, -27.3501

Rectangle

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



199.0890, 11.7881, -0.9551



200.6910, 2.1243, 18.6880



196.3130, -11.4933, -0.2745



193.7110, -1.8295, -19.9175

Sweetspot

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



199.0890, 11.7881, -0.9551



246.4390, 4.2206, -0.3850



212.8670, 4.9956, -15.6694



122.0970, 2.9102, -0.0851



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.



199.0890, 11.7881, -0.9551



222.5280, 16.0087, -1.3401



203.2750, 9.7244, 7.6518



102.5530, 4.6574, -0.4850



25.7450, 74.0757, -5.9154



6.9670, 20.2293, -1.7251

Inverse Universe

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



206.2220, 6.7926, 14.7143



232.2380, 9.2497, 19.9623



214.7250, -9.7244, -7.6518



105.4290, 2.7465, 5.7628



70.5220, 42.6337, 92.5042



19.2540, 11.7068, 25.2102

Previews

White Background



This preview shows how the YUV color 199.0890, 11.7881, -0.9551 looks on a white background.

Color Contrast Check

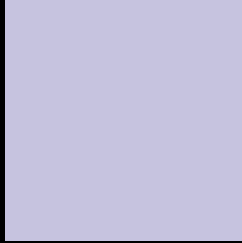
Large Text (above 18pt) WCAG AA × Fail

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 199.0890, 11.7881, -0.9551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

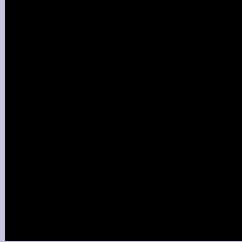
Any Text WCAG AA ✓ Pass

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 199.0890, 11.7881, -0.9551 Background



This preview shows how black text looks on a background with the YUV color 199.0890, 11.7881, -0.9551.



This preview shows how white text looks on a background with the YUV color 199.0890, 11.7881, -0.9551.

-0.9551.

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

199.0890, 11.7881, -0.9551

Protanopia

198.5940, 12.5252, -4.0289

Deuteranopia

200.0080, 11.3351, 4.3780



Tritanopia

198.4110, 6.6994, -2.1144

Trichromacy



Original Color

199.0890, 11.7881, -0.9551

Protanomaly

198.8930, 12.3778, -3.4142

Deuteranomaly

199.6980, 11.4879, 2.0189

Tritanomaly

198.5790, 8.5886, -1.3848

Monochromacy



Original Color

199.0890, 11.7881, -0.9551

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.4390, 4.2206, -0.3850

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.0890, 11.7881, -0.9551 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(198, 195, 223)` looks like.

```
.text, #text, p{  
    color:rgb(198, 195, 223)  
}
```

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(198, 195, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 195, 223) }
```

Border

The CSS property to change the border of an element to YUV 199.0890, 11.7881, -0.9551 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(198, 195, 223) }
```


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

```
.border{ border-color:rgb(198, 195, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 195, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 195, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 195, 223);  
box-shadow:4px 4px 4px 4px rgb(198, 195,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 199.0890, 11.7881, -0.9551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 195, 223) }
```

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

```
.background{ background-color: rgb(198,  
195, 223) }
```

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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