

Converting Colors

YUV(198.5580, 23.8819,
-6.6284)

Have a look what the booklet for
YUV(198.5580, 23.8819, -6.6284)
contains.

YUV(198.5580, 23.8819, -6.6284)	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(198.5580, 23.8819,
-6.6284)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC1F7
RGB	191, 193, 247
RGB Percent	75%, 76%, 97%
CMY	0.2510, 0.2431, 0.0314
CMYK	0.23, 0.22, 0.00, 0.03
HSL	238°, 78%, 86%
HSV	238°, 23%, 97%
XYZ	57.3443, 55.9317, 95.7692
YIQ	198.5580, -18.5260, 16.3700

Conversions

Conversions Part 2

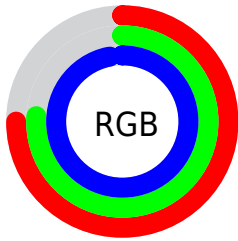
Format	Color
RYB	191, 193, 247
Decimal	12567031
CIELab	79.57, 10.53, -26.84
CIELCh	80, 28.833, 291.427
Yxy	55.9317, 0.2743, 0.2676
Android (android.graphics.Color)	4290757111 (0xFFBFC1F7)
YUV	198.5580, 23.8819, -6.6284
Hunter-Lab	74.7875, 5.9892, -23.5726

Details

The YUV color $198.5580, 23.8819, -6.6284$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $239.4420, -23.8819, 6.6284$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3850, 2.7682, -1.2146$, and $144.8030, 22.2821, -6.8432$ is the 20% darker color. If you saturate the color by 10%, you get $176.9950, 34.5125, -9.6426$, and if you desaturate by 10%, it is $220.1210, 13.2513, -3.6141$.

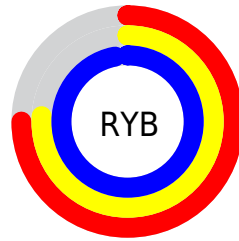
Distribution



Red (75%)

Green (76%)

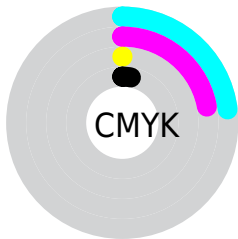
Blue (97%)



Red (75%)

Yellow (76%)

Blue (97%)

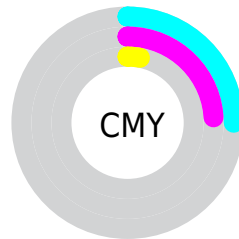


Cyan (23%)

Magenta (22%)

Yellow (0%)

Black (3%)



Cyan (25%)

Magenta (24%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.5580, 23.8819, -6.6284 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 198.5580, 23.8819, -6.6284 by changing the saturation by 10% instead.

■ 198.5580, 23.8819,
-6.6284

■ 198.5580, 23.8819,
-6.6284

255.0000, 0.0000,
0.0000

■ 171.0310, 23.1557,
-7.0432

■ 249.3850, 2.7682,
-1.2146

■ 144.8030, 22.2821,
-6.8432

■ 118.6890, 21.8453,
-6.7433

■ 93.8630, 21.2665,
-7.7729

■ 69.3360, 20.5404,
-8.1877

■ 46.5100, 19.9616,
-9.2173

■ 23.9610, 19.2462,

-13.1208

■ 4.6740, 17.9087,
-4.0991

■ 2.7530, 8.0098,
-2.4144

■ 198.5580, 23.8819,
-6.6284

■ 198.5580, 23.8819,
-6.6284

■ 176.9950, 34.5125,
-9.6426

■ 220.1210, 13.2513,
-3.6141

■ 155.7310, 44.9956,
-12.0421

■ 241.3850, 2.7682,
-1.2146

■ 134.7550, 55.3368,
-15.5711

■ 254.0880, -3.4944,
0.7998

■ 113.1920, 65.9673,
-18.5854

■ 91.9280, 76.4505,
-20.9849

■ 70.3650, 87.0811,
-23.9991

■ 48.8020, 97.7116,
-27.0134

■ 33.4410, 105.2846,
-29.3278

Harmonies

Analogous

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



192.8210, 28.1892, -34.9230



198.5580, 23.8819, -6.6284



201.3180, 14.6332, 19.8921

Triad

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



198.5580, 23.8819, -6.6284



198.7480, -21.0748, 39.6860



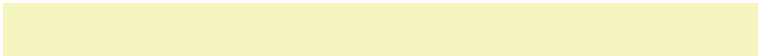
186.8390, 0.5724, -43.7088

Complementary

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



198.5580, 23.8819, -6.6284



239.4420, -23.8819, 6.6284

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.



190.3120, -13.4648, -21.3216



198.5580, 23.8819, -6.6284



196.6830, -25.9727, 23.9570

Square

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



198.5580, 23.8819, -6.6284



200.2400, -10.4713, 45.3935



194.2350, -23.2869, 2.4249



184.3500, 15.6035, -58.1889

Rectangle

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



198.5580, 23.8819, -6.6284



201.9300, 6.4435, 33.3874



194.2350, -23.2869, 2.4249



187.9170, -4.3961, -36.7612

Sweetspot

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



198.5580, 23.8819, -6.6284



239.6390, 7.5730, -2.3144



229.9140, 6.9444, -34.1276



118.8410, 4.5154, -1.6146



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.



198.5580, 23.8819, -6.6284



195.6270, 29.2709, -8.4429



204.8590, 20.7755, 9.7707



111.9550, 4.9522, -1.7145



25.3130, 79.2187, -22.1995



7.9000, 25.1923, -6.9283

Inverse Universe

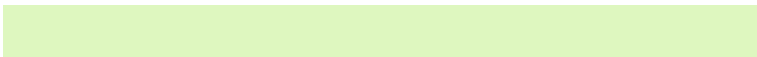
The Inverse Universe completely reimagines the original color for something new.



207.9720, -7.3812, 34.2276



206.9730, -8.8607, 42.1197



233.1410, -20.7755, -9.7707



113.7020, -1.3321, 7.2773



56.4120, -24.3601, 113.6487



17.8690, -7.8234, 36.0719

Previews

White Background



This preview shows how the YUV color 198.5580, 23.8819, -6.6284 looks on a white background.

Color Contrast Check

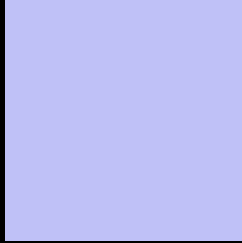
Large Text (above 18pt) WCAG AA × Fail

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 198.5580, 23.8819, -6.6284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

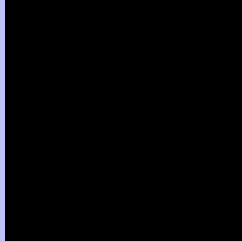
Any Text WCAG AA ✓ Pass

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 198.5580, 23.8819, -6.6284 Background



This preview shows how black text looks on a background with the YUV color 198.5580, 23.8819, -6.6284.



This preview shows how white text looks on a background with the YUV color 198.5580, 23.8819, -6.6284.

-6.6284.

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

198.5580, 23.8819, -6.6284

Protanopia

197.7530, 24.7718, -12.0614

Deuteranopia

198.2590, 24.0293, -7.2431



Tritanopia

196.6380, 9.0525, -10.2065

Trichromacy



Original Color

198.5580, 23.8819, -6.6284

Protanomaly

198.0630, 24.6189, -9.7023

Deuteranomaly

198.2590, 24.0293, -7.2431

Tritanomaly

197.4300, 14.5780, -9.1471

Monochromacy



Original Color

198.5580, 23.8819, -6.6284

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.8670, 8.4466, -2.5144

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.5580, 23.8819, -6.6284 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(191, 193, 247)` looks like.

```
.text, #text, p{  
    color:rgb(191, 193, 247)  
}
```

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(191, 193, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 193, 247) }
```

Border

The CSS property to change the border of an element to YUV 198.5580, 23.8819, -6.6284 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(191, 193, 247) }
```


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

```
.border{ border-color:rgb(191, 193, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 193, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 193, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 193, 247); box-shadow:4px 4px 4px 4px rgb(191, 193, 247) }
```

Background

The CSS property to change the background color of an element to YUV 198.5580, 23.8819, -6.6284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 193, 247) }
```

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

```
.background{ background-color: rgb(191,  
193, 247) }
```

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