

Converting Colors

YUV(199.6250, 18.9189,
-1.4251)

Have a look what the booklet for
YUV(199.6250, 18.9189, -1.4251)
contains.

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Color

**YUV(199.6250, 18.9189,
-1.4251)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C1EE
RGB	198, 193, 238
RGB Percent	78%, 76%, 93%
CMY	0.2235, 0.2431, 0.0667
CMYK	0.17, 0.19, 0.00, 0.07
HSL	247°, 57%, 85%
HSV	247°, 19%, 93%
XYZ	57.7913, 56.3187, 88.7136
YIQ	199.6250, -11.4650, 15.0550

Conversions

Conversions Part 2

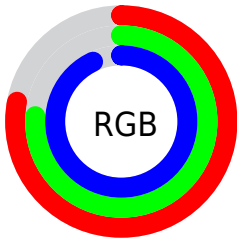
Format	Color
R _{YB}	198, 193, 238
Decimal	13025774
CIE Lab	79.79, 10.68, -21.63
CIE LCh	80, 24.127, 296.273
Yxy	56.3187, 0.2849, 0.2777
Android (android.graphics.Color)	4291215854 (0xFFC6C1EE)
YUV	199.6250, 18.9189, -1.4251
Hunter-Lab	75.0458, 6.1291, -17.5562

Details

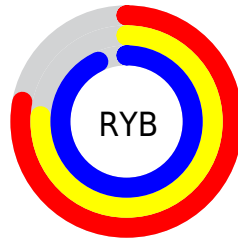
The YUV color $199.6250, 18.9189, -1.4251$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $231.3750, -18.9189, 1.4251$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4780, 1.7363, 3.0888$, and $145.9840, 17.7559, -1.7400$ is the 20% darker color. If you saturate the color by 10%, you get $179.2580, 28.9598, -1.9803$, and if you desaturate by 10%, it is $219.9920, 8.8779, -0.8700$.

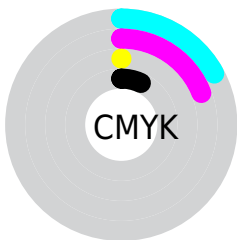
Distribution



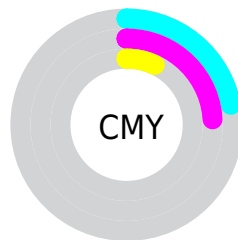
- Red (78%)
- Green (76%)
- Blue (93%)



- Red (78%)
- Yellow (76%)
- Blue (93%)



- Cyan (17%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.6250, 18.9189, -1.4251 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 199.6250, 18.9189, -1.4251 by changing the saturation by 10% instead.

■ 199.6250, 18.9189,
-1.4251

■ 199.6250, 18.9189,
-1.4251

255.0000, 0.0000,
0.0000

■ 172.2120, 18.6295,
-1.9399

■ 251.4780, 1.7363,
3.0888

■ 145.9840, 17.7559,
-1.7400

■ 119.8700, 17.3191,
-1.6400

■ 95.3430, 16.5929,
-2.0548

■ 70.9300, 16.3035,
-2.5696

■ 48.4030, 15.5773,
-2.9844

■ 27.0500, 14.2724,

-4.4288

■ 3.9900, 15.2879,
-3.4992

■ 1.1400, 4.3680,
-0.9998

■ 199.6250, 18.9189,
-1.4251

■ 199.6250, 18.9189,
-1.4251

■ 179.2580, 28.9598,
-1.9803

■ 219.9920, 8.8779,
-0.8700

■ 158.8910, 39.0007,
-2.5354

■ 240.3590, -1.1630,
-0.3148

■ 139.1110, 48.7523,
-3.6053

■ 253.0620, -7.4256,
1.6996

■ 118.4450, 58.9406,
-4.7753

■ 98.0780, 68.9815,
-5.3304

■ 77.7110, 79.0225,
-5.8855

■ 57.3440, 89.0634,
-6.4407

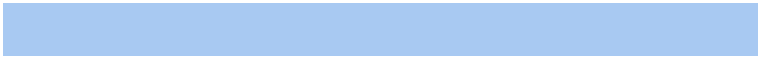
■ 37.5640, 98.8149,
-7.5106

■ 34.9060, 100.1253,
-7.8106

Harmonies

Analogous

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



195.8070, 22.7731, -24.3867



199.6250, 18.9189, -1.4251



201.5800, 10.5601, 19.6623

Triad

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



199.6250, 18.9189, -1.4251



199.2740, -18.8691, 32.2087



189.6270, 2.1559, -38.2609

Complementary

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



199.6250, 18.9189, -1.4251



231.3750, -18.9189, 1.4251

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.



191.9360, -9.8284, -20.9919



199.6250, 18.9189, -1.4251



197.0890, -21.7359, 18.3389

Square

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



199.6250, 18.9189, -1.4251



200.7830, -10.7390, 37.9013



194.4780, -18.4767, -0.4192



188.3730, 14.1131, -46.8081

Rectangle

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



199.6250, 18.9189, -1.4251



201.8110, 3.5442, 29.9838



194.4780, -18.4767, -0.4192



189.9220, -1.9335, -33.2576

Sweetspot

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



199.6250, 18.9189, -1.4251



242.0090, 6.4046, -0.8849



221.6100, 8.0803, -25.0910



120.3250, 3.7838, -0.2850



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.



199.6250, 18.9189, -1.4251



204.8190, 24.7392, -1.5953



206.2030, 15.6759, 12.1000



109.6670, 5.0942, -0.5850



26.9560, 77.4227, -6.1004



8.1780, 23.5762, -1.9101

Inverse Universe

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



211.0150, 10.8386, 23.6658



219.5690, 14.0165, 31.0730



224.7970, -15.6759, -12.1000



112.8420, 3.0359, 6.2776



73.5980, 44.0752, 96.8226



22.4440, 13.5851, 29.4286

Previews

White Background



This preview shows how the YUV color 199.6250, 18.9189, -1.4251 looks on a white background.

Color Contrast Check

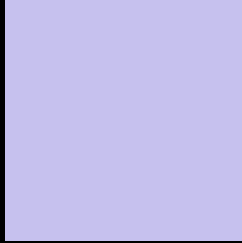
Large Text (above 18pt) WCAG AA × Fail

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 199.6250, 18.9189, -1.4251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

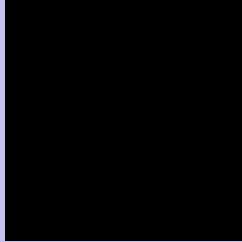
Any Text WCAG AA ✓ Pass

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 199.6250, 18.9189, -1.4251 Background



This preview shows how black text looks on a background with the YUV color 199.6250, 18.9189, -1.4251.



This preview shows how white text looks on a background with the YUV color 199.6250, 18.9189, -1.4251.

-1.4251.

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

199.6250, 18.9189, -1.4251

Protanopia

198.6240, 20.3984, -9.3172

Deuteranopia

199.3260, 19.0663, -2.0399



Tritanopia

197.9270, 7.4310, -3.4440

Trichromacy



Original Color

199.6250, 18.9189, -1.4251

Protanomaly

199.1190, 19.6613, -6.2434

Deuteranomaly

199.3260, 19.0663, -2.0399

Tritanomaly

198.6650, 11.5042, -3.2142

Monochromacy



Original Color

199.6250, 18.9189, -1.4251

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.5360, 7.1308, -0.4701

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.6250, 18.9189, -1.4251 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, 193, 238)` looks like.

```
.text, #text, p{  
    color:rgb(198, 193, 238)  
}
```

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, 193, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 193, 238) }
```

Border

The CSS property to change the border of an element to YUV 199.6250, 18.9189, -1.4251 is called "border". The border property can be set on classes, ids or directly on the HTML element.

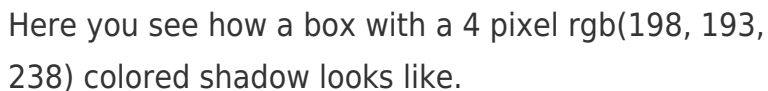
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 193, 238) }
```


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

```
.border{ border-color:rgb(198, 193, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 193, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 193, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 193, 238); box-shadow:4px 4px 4px 4px rgb(198, 193, 238) }
```

Background

The CSS property to change the background color of an element to YUV 199.6250, 18.9189, -1.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 193, 238) }
```

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

```
.background{ background-color: rgb(198,  
193, 238) }
```

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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