

Converting Colors

YUV(198.6410, 17.9250,
-9.3322)

Have a look what the booklet for
YUV(198.6410, 17.9250, -9.3322)
contains.

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Color

**YUV(198.6410, 17.9250,
-9.3322)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC5EB
RGB	188, 197, 235
RGB Percent	74%, 77%, 92%
CMY	0.2627, 0.2275, 0.0784
CMYK	0.20, 0.16, 0.00, 0.08
HSL	229°, 54%, 83%
HSV	229°, 20%, 92%
XYZ	55.7007, 56.6220, 86.5907
YIQ	198.6410, -17.5620, 9.9100

Conversions

Conversions Part 2

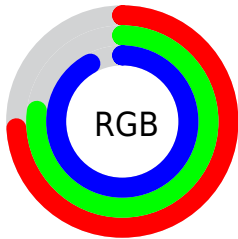
Format	Color
R _Y B	188, 196, 235
Decimal	12371435
CIE Lab	79.97, 4.77, -19.84
CIE LCh	80, 20.402, 283.519
Yxy	56.6220, 0.2800, 0.2847
Android (android.graphics.Color)	4290561515 (0xFFBCC5EB)
YUV	198.6410, 17.9250, -9.3322
Hunter-Lab	75.2476, 0.4481, -15.5542

Details

The YUV color **198.6410, 17.9250, -9.3322** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **224.3590, -17.9250, 9.3322**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4230, 1.7635, -5.6330**, and **144.4130, 17.0514, -9.1322** is the 20% darker color. If you saturate the color by 10%, you get **180.6110, 26.8138, -13.6908**, and if you desaturate by 10%, it is **216.9700, 8.8888, -4.3587**.

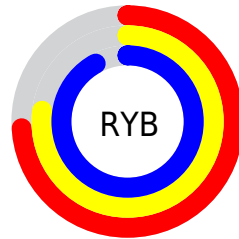
Distribution



Red (74%)

Green (77%)

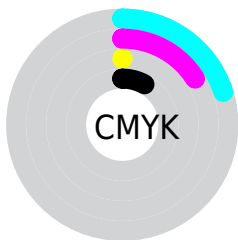
Blue (92%)



Red (74%)

Yellow (77%)

Blue (92%)

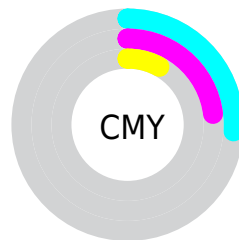


Cyan (20%)

Magenta (16%)

Yellow (0%)

Black (8%)



Cyan (26%)

Magenta (23%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.6410, 17.9250, -9.3322 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 198.6410, 17.9250, -9.3322 by changing the saturation by 10% instead.

■ 198.6410, 17.9250,
-9.3322

■ 198.6410, 17.9250,
-9.3322

255.0000, 0.0000,
0.0000

■ 171.5270, 17.4882,
-9.2322

■ 251.4230, 1.7635,
-5.6330

■ 144.4130, 17.0514,
-9.1322

■ 118.8860, 16.3252,
-9.5470

■ 93.7720, 15.8884,
-9.4470

■ 70.2450, 15.1622,
-9.8619

■ 47.1310, 14.7254,
-9.7619

■ 25.5930, 14.0047,

-11.9211

■ 3.7620, 14.4143,
-3.2993

■ 0.6840, 2.6208,
-0.5999

■ 198.6410, 17.9250,
-9.3322

■ 198.6410, 17.9250,
-9.3322

■ 180.6110, 26.8138,
-13.6908

■ 216.9700, 8.8888,
-4.3587

■ 162.2820, 35.8500,
-18.6643

■ 235.0000, 0.0000,
0.0000

■ 144.2520, 44.7388,
-23.0230

■ 252.1330, -8.4466,
2.5144

■ 125.9230, 53.7750,
-27.9965

■ 252.7200, -8.7360,
1.9996

■ 107.8930, 62.6638,
-32.3552

■ 89.5640, 71.6999,
-37.3286

■ 71.5340, 80.5887,
-41.6873

■ 53.2050, 89.6249,
-46.6608

Harmonies

Analogous

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



194.8730, 19.2896, -27.0756



198.6410, 17.9250, -9.3322



201.2690, 12.1924, 9.4111

Triad

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



198.6410, 17.9250, -9.3322



200.3430, -13.4801, 30.3942



192.4390, -2.6814, -26.6950

Complementary

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



198.6410, 17.9250, -9.3322



224.3590, -17.9250, 9.3322

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.



194.1330, -11.8976, -10.6406



198.6410, 17.9250, -9.3322



198.4360, -17.9629, 21.5426

Square

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



198.6410, 17.9250, -9.3322



201.4170, -5.6286, 32.0833



196.7500, -17.6247, 6.3582



190.7180, 7.5340, -36.5867

Rectangle

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



198.6410, 17.9250, -9.3322



201.6680, 7.0657, 20.4622



196.7500, -17.6247, 6.3582



192.9620, -5.8973, -21.8917

Sweetspot

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



198.6410, 17.9250, -9.3322



243.4710, 5.6838, -3.0441



219.9210, 2.9969, -27.9947



120.6130, 3.6418, -1.4146



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.



198.6410, 17.9250, -9.3322



207.9980, 23.1720, -12.2762



197.5440, 18.4658, 3.9079



108.4280, 4.2260, -2.1294



41.1790, 68.9318, -36.1140



12.0260, 20.6932, -10.5468

Inverse Universe

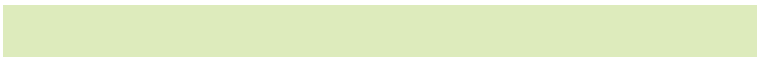
The Inverse Universe completely reimagines the original color for something new.



203.0790, -2.9969, 27.9947



213.6070, -3.7503, 36.3017



225.4560, -18.4658, -3.9079



109.5170, -0.7479, 6.5626



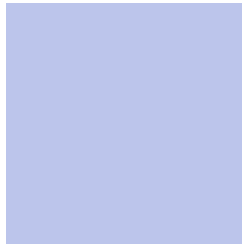
58.1090, -11.3927, 107.7754



17.2860, -3.5920, 32.1982

Previews

White Background



This preview shows how the YUV color 198.6410, 17.9250, -9.3322 looks on a white background.

Color Contrast Check

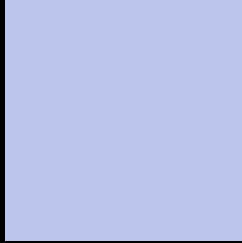
Large Text (above 18pt) WCAG AA × Fail

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 198.6410, 17.9250, -9.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

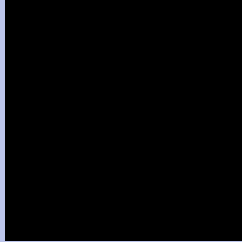
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.6410, 17.9250, -9.3322

Background



This preview shows how black text looks on a background with the YUV color 198.6410, 17.9250, -9.3322.



This preview shows how white text looks on a background with the YUV color 198.6410, 17.9250, -9.3322.

-9.3322.

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

198.6410, 17.9250, -9.3322

Protanopia

198.6520, 17.9196, -7.5878

Deuteranopia

200.2830, 17.6085, -1.1252



Tritanopia

197.0400, 9.3473, -11.4361

Trichromacy



Original Color

198.6410, 17.9250, -9.3322

Protanomaly

198.3530, 18.0670, -8.2026

Deuteranomaly

199.6740, 17.9087, -4.0991

Tritanomaly

197.5500, 12.5469, -11.0063

Monochromacy



Original Color

198.6410, 17.9250, -9.3322

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.6990, 6.5574, -3.2440

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.6410, 17.9250, -9.3322 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(188, 197, 235)` looks like.

```
.text, #text, p{  
    color:rgb(188, 197, 235)  
}
```

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(188, 197, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 197, 235) }
```

Border

The CSS property to change the border of an element to YUV 198.6410, 17.9250, -9.3322 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(188, 197, 235) }
```


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

```
.border{ border-color:rgb(188, 197, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 197, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 197, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 197, 235);  
box-shadow:4px 4px 4px 4px rgb(188, 197,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 198.6410, 17.9250, -9.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 197, 235) }
```

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

```
.background{ background-color: rgb(188,  
197, 235) }
```

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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