

Converting Colors

YUV(198.5200, 21.4356,
-15.3650)

Have a look what the booklet for
YUV(198.5200, 21.4356, -15.3650)
contains.

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Color

**YUV(198.5200, 21.4356,
-15.3650)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C7F2
RGB	181, 199, 242
RGB Percent	71%, 78%, 95%
CMY	0.2902, 0.2196, 0.0510
CMYK	0.25, 0.18, 0.00, 0.05
HSL	222°, 70%, 83%
HSV	222°, 25%, 95%
XYZ	55.5065, 57.0814, 92.0967
YIQ	198.5200, -24.5310, 9.5570

Conversions

Conversions Part 2

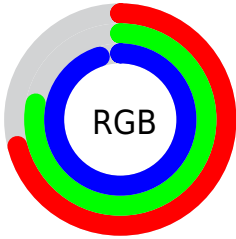
Format	Color
RYB	181, 195, 242
Decimal	11913202
CIELab	80.23, 3.17, -23.24
CIElCh	80, 23.452, 277.761
Yxy	57.0814, 0.2712, 0.2789
Android (android.graphics.Color)	4290103282 (0xFFB5C7F2)
YUV	198.5200, 21.4356, -15.3650
Hunter-Lab	75.5522, -1.0766, -19.3868

Details

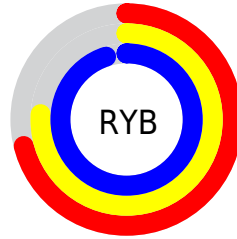
The YUV color **198.5200, 21.4356, -15.3650** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **224.4800, -21.4356, 15.3650**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.9170, 2.5059, -10.4512**, and **144.2920, 20.5620, -15.1651** is the 20% darker color. If you saturate the color by 10%, you get **181.3650, 29.8931, -21.3681**, and if you desaturate by 10%, it is **215.6750, 12.9782, -9.3620**.

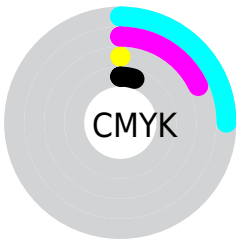
Distribution



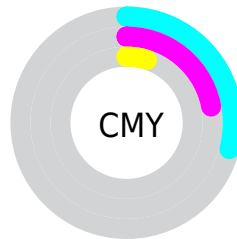
- Red (71%)
- Green (78%)
- Blue (95%)



- Red (71%)
- Yellow (76%)
- Blue (95%)



- Cyan (25%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (29%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.5200, 21.4356, -15.3650 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 198.5200, 21.4356, -15.3650 by changing the saturation by 10% instead.

■ 198.5200, 21.4356,
-15.3650

■ 198.5200, 21.4356,
-15.3650

255.0000, 0.0000,
0.0000

■ 171.4060, 20.9988,
-15.2651

■ 249.9170, 2.5059,
-10.4512

■ 144.2920, 20.5620,
-15.1651

■ 118.7650, 19.8359,
-15.5799

■ 93.6510, 19.3991,
-15.4799

■ 69.1240, 18.6729,
-15.8947

■ 45.9990, 18.2415,
-17.5391

■ 23.1620, 17.6681,

-20.3131

■ 4.9190, 16.3089,
-4.3140

■ 2.2970, 6.2626,
-2.0145

■ 198.5200, 21.4356,
-15.3650

■ 198.5200, 21.4356,
-15.3650

■ 181.3650, 29.8931,
-21.3681

■ 215.6750, 12.9782,
-9.3620

■ 164.2100, 38.3505,
-27.3712

■ 232.8300, 4.5208,
-3.3589

■ 146.7560, 46.9553,
-33.9890

■ 250.2840, -4.0840,
3.2589

■ 129.6010, 55.4127,
-39.9921

■ 253.5180, -5.6784,
1.2997

■ 112.4460, 63.8701,
-45.9951

■ 95.2910, 72.3275,
-51.9982

■ 78.1360, 80.7850,
-58.0013

■ 69.2650, 85.1584,
-60.7454

Harmonies

Analogous

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



194.2140, 22.0795, -35.2677



198.5200, 21.4356, -15.3650



201.5830, 15.9816, 7.3817

Triad

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



198.5200, 21.4356, -15.3650



201.2620, -13.9332, 35.7272



192.1570, -5.0074, -27.3247

Complementary

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



198.5200, 21.4356, -15.3650



224.4800, -21.4356, 15.3650

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.



194.9330, -15.2500, -8.7112



198.5200, 21.4356, -15.3650



199.6000, -20.0158, 26.6608

Square

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



198.5200, 21.4356, -15.3650



202.4930, -4.1870, 36.4016



197.3870, -20.4038, 11.0616



190.4570, 6.6767, -41.6198

Rectangle

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



198.5200, 21.4356, -15.3650



202.7650, 9.9759, 20.3771



197.3870, -20.4038, 11.0616



193.1640, -8.9549, -21.1918

Sweetspot

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



198.5200, 21.4356, -15.3650



240.8020, 6.9996, -5.0884



221.7090, 1.1295, -35.7018



118.8300, 4.5208, -3.3589



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.



198.5200, 21.4356, -15.3650



200.5780, 26.8300, -18.9239



191.5420, 24.8758, 1.2787



111.1290, 4.3734, -2.7441



52.6740, 64.7437, -46.1951



16.3630, 19.5410, -14.3504

Inverse Universe

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



201.2910, -1.1295, 35.7018



204.2320, -1.5934, 44.5235



231.4580, -24.8758, -1.2787



111.9300, -0.4585, 7.0774



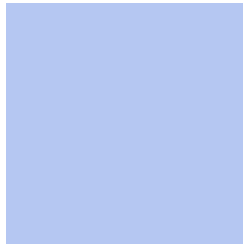
61.1720, -3.5358, 107.7202



18.6820, -0.8292, 32.7279

Previews

White Background



This preview shows how the YUV color 198.5200, 21.4356, -15.3650 looks on a white background.

Color Contrast Check

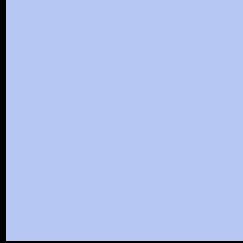
Large Text (above 18pt) WCAG AA × Fail

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 198.5200, 21.4356, -15.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

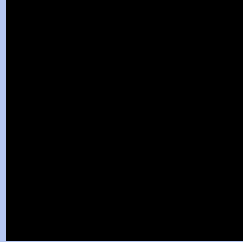
Any Text WCAG AA ✓ Pass

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 198.5200, 21.4356, -15.3650 Background



This preview shows how black text looks on a background with the YUV color 198.5200, 21.4356, -15.3650.



This preview shows how white text looks on a background with the YUV color 198.5200, 21.4356, -15.3650.

-15.3650.

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

198.5200, 21.4356, -15.3650

Protanopia

199.6240, 20.3984, -9.3172

Deuteranopia

200.1840, 21.1083, -3.6694



Tritanopia

196.7510, 10.9688, -18.1986

Trichromacy



Original Color

198.5200, 21.4356, -15.3650

Protanomaly

199.3140, 20.5512, -11.6764

Deuteranomaly

199.8630, 21.2665, -7.7729

Tritanomaly

197.6740, 14.4577, -17.2541

Monochromacy



Original Color

198.5200, 21.4356, -15.3650

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.7310, 8.0206, -5.9031

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.5200, 21.4356, -15.3650 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(181, 199, 242)` looks like.

```
.text, #text, p{  
    color:rgb(181, 199, 242)  
}
```

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(181, 199, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 199, 242) }
```

Border

The CSS property to change the border of an element to YUV 198.5200, 21.4356, -15.3650 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(181, 199, 242) }
```


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

```
.border{ border-color:rgb(181, 199, 242) }
```

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

Here you see how a box with a 4 pixel rgb(181, 199, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 199, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 199, 242);  
box-shadow:4px 4px 4px 4px rgb(181, 199,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 198.5200, 21.4356, -15.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 199, 242) }
```

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

```
.background{ background-color: rgb(181,  
199, 242) }
```

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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