

Converting Colors

YUV(200.2130, 17.1500, 5.9522)

Have a look what the booklet for
YUV(200.2130, 17.1500, 5.9522)
contains.

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Color

**YUV(200.2130, 17.1500,
5.9522)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBEEB
RGB	207, 190, 235
RGB Percent	81%, 75%, 92%
CMY	0.1882, 0.2549, 0.0784
CMYK	0.12, 0.19, 0.00, 0.08
HSL	263°, 53%, 83%
HSV	263°, 19%, 92%
XYZ	59.1410, 56.0905, 86.3067
YIQ	200.2130, -4.3130, 17.5990

Conversions

Conversions Part 2

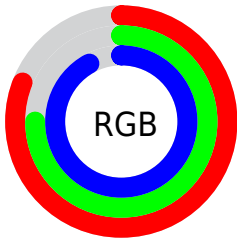
Format	Color
R_{YB}	207, 190, 235
Decimal	13614827
CIE _{Lab}	79.67, 14.51, -20.15
CIE _{LCh}	80, 24.834, 305.755
Yxy	56.0905, 0.2934, 0.2783
Android (android.graphics.Color)	4291804907 (0xFFCFBEEB)
YUV	200.2130, 17.1500, 5.9522
Hunter-Lab	74.8936, 9.8918, -15.8998

Details

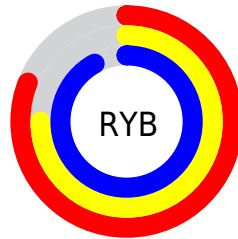
The YUV color $200.2130, 17.1500, 5.9522$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $224.7870, -17.1500, -5.9522$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7170, 2.6045, 4.6332$, and $146.2730, 16.1344, 5.0226$ is the 20% darker color. If you saturate the color by 10%, you get $182.2270, 26.0171, 8.5709$, and if you desaturate by 10%, it is $218.7860, 7.9935, 2.8187$.

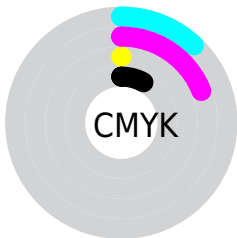
Distribution



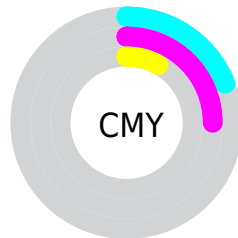
- Red (81%)
- Green (75%)
- Blue (92%)



- Red (81%)
- Yellow (75%)
- Blue (92%)



- Cyan (12%)
- Magenta (19%)
- Yellow (0%)
- Black (8%)



- Cyan (19%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.2130, 17.1500, 5.9522 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 200.2130, 17.1500, 5.9522 by changing the saturation by 10% instead.

■ 200.2130, 17.1500,
5.9522

■ 200.2130, 17.1500,
5.9522

255.0000, 0.0000,
0.0000

■ 172.8000, 16.8606,
5.4374

■ 249.7170, 2.6045,
4.6332

■ 146.2730, 16.1344,
5.0226

■ 120.1590, 15.6976,
5.1226

■ 95.6320, 14.9714,
4.7077

■ 71.2190, 14.6820,
4.1929

■ 48.6920, 13.9558,
3.7781

■ 27.7520, 12.9403,

2.8485

■ 7.0510, 12.7929,
3.4633

■ 0.6840, 2.6208,
-0.5999

■ 200.2130, 17.1500,
5.9522

■ 200.2130, 17.1500,
5.9522

■ 182.2270, 26.0171,
8.5709

■ 218.7860, 7.9935,
2.8187

■ 163.9530, 35.0262,
12.3192

■ 236.4730, -0.7262,
-0.4148

■ 145.9670, 43.8933,
14.9379

■ 251.5240, -8.1463,
-0.4595

■ 127.6930, 52.9024,
18.6862

■ 252.7200, -8.7360,
1.9996

■ 109.7070, 61.7694,
21.3050

■ 91.1340, 70.9259,
24.4385

■ 72.8600, 79.9350,
28.1868

■ 54.8740, 88.8021,
30.8055

■ 53.4010, 89.5283,
31.2203

Harmonies

Analogous

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



196.5520, 22.8989, -18.0241



200.2130, 17.1500, 5.9522



201.2280, 7.7756, 26.1100

Triad

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



200.2130, 17.1500, 5.9522



198.3830, -20.8948, 28.6051



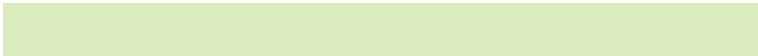
188.0330, 6.3927, -43.8789

Complementary

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



200.2130, 17.1500, 5.9522



224.7870, -17.1500, -5.9522

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.



190.5160, -6.1704, -27.6395



200.2130, 17.1500, 5.9522



195.6430, -22.0090, 12.5911

Square

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



200.2130, 17.1500, 5.9522



199.5720, -14.0860, 38.0864



193.1890, -16.8552, -7.1818



187.6870, 17.9023, -48.8375

Rectangle

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



200.2130, 17.1500, 5.9522



201.3340, 0.3283, 34.7871



193.1890, -16.8552, -7.1818



188.3280, 2.3033, -38.8757

Sweetspot

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



200.2130, 17.1500, 5.9522



243.2050, 5.8149, 1.5742



212.1530, 11.2636, -19.4282



120.9230, 3.4890, 0.9445



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.



200.2130, 17.1500, 5.9522



209.6030, 22.3807, 8.2412



206.7910, 13.9070, 19.4773



108.4500, 4.2152, 1.3594



40.9660, 69.0368, 23.7088



12.1360, 20.6390, 6.8967

Inverse Universe

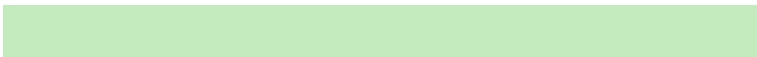
The Inverse Universe completely reimagines the original color for something new.



206.6470, 5.5970, 24.8656



217.8590, 7.4645, 32.5727



218.2090, -13.9070, -19.4773



110.0870, 1.4361, 6.0627



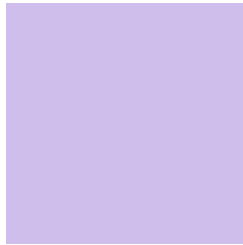
67.0010, 22.6775, 99.9771



19.9080, 6.4544, 29.8987

Previews

White Background



This preview shows how the YUV color 200.2130, 17.1500, 5.9522 looks on a white background.

Color Contrast Check

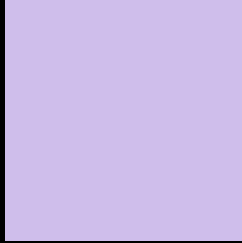
Large Text (above 18pt) WCAG AA × Fail

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 200.2130, 17.1500, 5.9522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

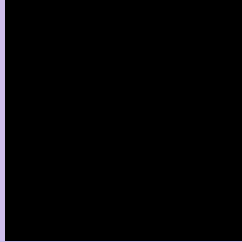
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.2130, 17.1500, 5.9522

Background



This preview shows how black text looks on a background with the YUV color 200.2130, 17.1500, 5.9522.



This preview shows how white text looks on a background with the YUV color 200.2130, 17.1500,

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

200.2130, 17.1500, 5.9522

Protanopia

198.5100, 19.9616, -9.2173

Deuteranopia

199.4680, 17.0243, -0.4104



Tritanopia

198.5150, 5.6621, 3.9333

Trichromacy



Original Color

200.2130, 17.1500, 5.9522

Protanomaly

199.3150, 19.0717, -3.7843

Deuteranomaly

199.7780, 16.8714, 1.9487

Tritanomaly

199.2530, 9.7353, 4.1631

Monochromacy



Original Color

200.2130, 17.1500, 5.9522

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.0310, 6.3937, 2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.2130, 17.1500, 5.9522 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(207, 190, 235)` looks like.

```
.text, #text, p{  
    color:rgb(207, 190, 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(207, 190, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 190, 235) }
```

Border

The CSS property to change the border of an element to YUV 200.2130, 17.1500, 5.9522 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(207, 190, 235) }
```


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

```
.border{ border-color:rgb(207, 190, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 190, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 190, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 190, 235);  
box-shadow:4px 4px 4px 4px rgb(207, 190,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 200.2130, 17.1500, 5.9522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 190, 235) }
```

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

```
.background{ background-color: rgb(207,  
190, 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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