

Converting Colors

YUV(200.4210, 24.9354,
-17.9092)

Have a look what the booklet for
YUV(200.4210, 24.9354, -17.9092)
contains.

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Color

**YUV(200.4210, 24.9354,
-17.9092)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C9FB
RGB	180, 201, 251
RGB Percent	71%, 79%, 98%
CMY	0.2941, 0.2118, 0.0157
CMYK	0.28, 0.20, 0.00, 0.02
HSL	222°, 90%, 85%
HSV	222°, 28%, 98%
XYZ	57.1216, 58.4416, 99.5365
YIQ	200.4210, -28.5660, 11.0980

Conversions

Conversions Part 2

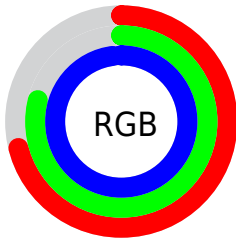
Format	Color
R _Y B	180, 196, 251
Decimal	11848187
CIE Lab	80.98, 3.91, -26.89
CIE LCh	81, 27.175, 278.280
Yxy	58.4416, 0.2656, 0.2717
Android (android.graphics.Color)	4290038267 (0xFFB4C9FB)
YUV	200.4210, 24.9354, -17.9092
Hunter-Lab	76.4471, -0.4065, -23.6844

Details

The YUV color $200.4210, 24.9354, -17.9092$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $230.5790, -24.9354, 17.9092$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6180, 2.6533, -11.0660$, and $146.0790, 23.6251, -17.6093$ is the 20% darker color. If you saturate the color by 10%, you get $182.3800, 33.8297, -24.0123$, and if you desaturate by 10%, it is $218.4620, 16.0412, -11.8062$.

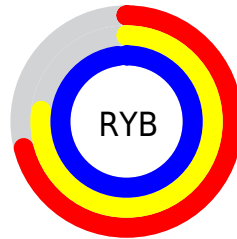
Distribution



Red (71%)

Green (79%)

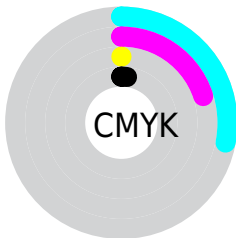
Blue (98%)



Red (71%)

Yellow (77%)

Blue (98%)

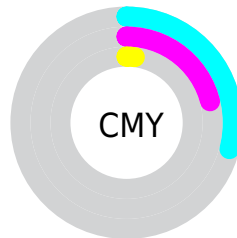


Cyan (28%)

Magenta (20%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (21%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.4210, 24.9354, -17.9092 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 200.4210, 24.9354, -17.9092 by changing the saturation by 10% instead.

■ 200.4210, 24.9354,
-17.9092

■ 200.4210, 24.9354,
-17.9092

255.0000, 0.0000,
0.0000

■ 172.8940, 24.2093,
-18.3240

■ 249.6180, 2.6533,
-11.0660

■ 146.0790, 23.6251,
-17.6093

■ 119.6660, 23.3357,
-18.1241

■ 95.1390, 22.6095,
-18.5389

■ 70.3130, 22.0307,
-19.5685

■ 46.1770, 21.6047,
-22.9572

■ 25.1340, 20.1469,

-22.0425

■ 7.3640, 18.0615,
-6.4582

■ 3.2090, 9.7570,
-2.8143

■ 200.4210, 24.9354,
-17.9092

■ 200.4210, 24.9354,
-17.9092

■ 182.3800, 33.8297,
-24.0123

■ 218.4620, 16.0412,
-11.8062

■ 164.9260, 42.4345,
-30.6301

■ 235.9160, 7.4364,
-5.1883

■ 146.8850, 51.3287,
-36.7331

■ 253.9570, -1.4578,
0.9147

■ 128.8440, 60.2229,
-42.8362

■ 254.5440, -1.7472,
0.3999

■ 111.3900, 68.8277,
-49.4540

■ 93.0500, 77.8693,
-56.1718

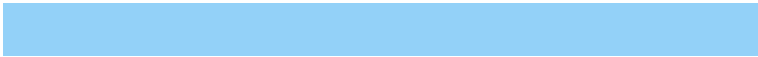
■ 75.0090, 86.7636,
-62.2749

■ 72.0520, 88.2214,
-63.1896

Harmonies

Analogous

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



194.9080, 26.1744, -42.0153



200.4210, 24.9354, -17.9092



204.1640, 18.1601, 8.6262

Triad

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



200.4210, 24.9354, -17.9092



203.7250, -16.1334, 41.4602



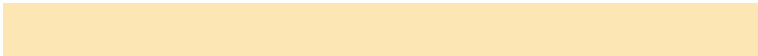
192.8960, -5.8647, -32.3578

Complementary

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



200.4210, 24.9354, -17.9092



230.5790, -24.9354, 17.9092

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.



196.0530, -17.2811, -10.5705



200.4210, 24.9354, -17.9092



201.5250, -22.9368, 30.2346

Square

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



200.4210, 24.9354, -17.9092



204.9990, -4.9295, 41.2199



199.4750, -23.8982, 11.8614



190.1570, 8.3036, -50.1267

Rectangle

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



200.4210, 24.9354, -17.9092



205.4280, 11.1280, 24.1806



199.4750, -23.8982, 11.8614



194.2020, -9.9596, -25.6102

Sweetspot

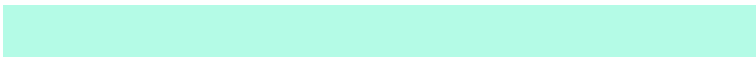
The Sweet Spot groups the original color and five complimentary colors.



200.4210, 24.9354, -17.9092



240.8020, 6.9996, -5.0884



227.3770, 1.2931, -41.5496



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.



200.4210, 24.9354, -17.9092



193.1800, 30.4773, -22.0829



192.2800, 28.9490, 1.5084



115.8300, 4.5208, -3.3589



54.4180, 66.3489, -47.7246



17.5200, 21.4356, -15.3650

Inverse Universe

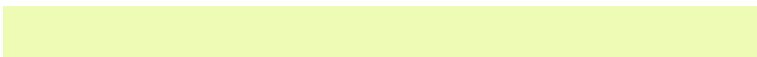
The Inverse Universe completely reimagines the original color for something new.



203.6230, -1.2931, 41.5496



196.9770, -1.4677, 50.8862



238.7200, -28.9490, -1.5084



116.3430, -0.1691, 7.5922



62.8950, -3.3992, 110.5941



20.2910, -1.1295, 35.7018

Previews

White Background



This preview shows how the YUV color 200.4210, 24.9354, -17.9092 looks on a white background.

Color Contrast Check

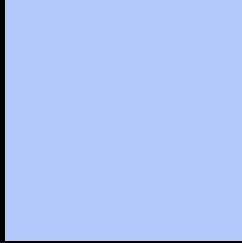
Large Text (above 18pt) WCAG AA × Fail

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 200.4210, 24.9354, -17.9092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

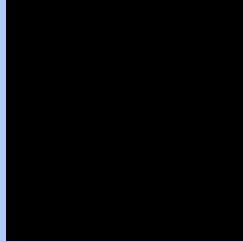
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.4210, 24.9354, -17.9092

Background



This preview shows how black text looks on a background with the YUV color 200.4210, 24.9354, -17.9092.



This preview shows how white text looks on a background with the YUV color 200.4210, 24.9354, -17.9092.

-17.9092.

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

200.4210, 24.9354, -17.9092

Protanopia

201.7100, 23.3140, -11.1467

Deuteranopia

202.3730, 24.4661, -7.3431



Tritanopia

198.2560, 11.7058, -21.2725

Trichromacy



Original Color

200.4210, 24.9354, -17.9092

Protanomaly

201.5140, 23.9036, -13.6058

Deuteranomaly

201.4650, 24.9138, -10.9318

Tritanomaly

198.9340, 16.7945, -20.1131

Monochromacy



Original Color

200.4210, 24.9354, -17.9092

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.0730, 9.3310, -6.2030

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.4210, 24.9354, -17.9092 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(180, 201, 251)` looks like.

```
.text, #text, p{  
    color:rgb(180, 201, 251)  
}
```

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(180, 201, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 201, 251) }
```

Border

The CSS property to change the border of an element to YUV 200.4210, 24.9354, -17.9092 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(180, 201, 251) }
```


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

```
.border{ border-color:rgb(180, 201, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 201, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 201, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 201, 251);  
box-shadow:4px 4px 4px 4px rgb(180, 201,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 200.4210, 24.9354, -17.9092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 201, 251) }
```

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

```
.background{ background-color: rgb(180,  
201, 251) }
```

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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