

Converting Colors

YUV(210.0420, 19.6993,
-18.4538)

Have a look what the booklet for
YUV(210.0420, 19.6993, -18.4538)
contains.

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Color

**YUV(210.0420, 19.6993,
-18.4538)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD5FA
RGB	189, 213, 250
RGB Percent	74%, 84%, 98%
CMY	0.2588, 0.1647, 0.0196
CMYK	0.24, 0.15, 0.00, 0.02
HSL	216°, 86%, 86%
HSV	216°, 24%, 98%
XYZ	62.0358, 65.3094, 99.7788
YIQ	210.0420, -26.1810, 6.4190

Conversions

Conversions Part 2

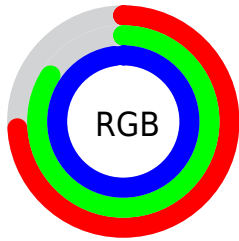
Format	Color
R _Y B	189, 206, 250
Decimal	12441082
CIE Lab	84.64, -0.09, -20.74
CIE LCh	85, 20.741, 269.750
Yxy	65.3094, 0.2731, 0.2875
Android (android.graphics.Color)	4290631162 (0xFFBDD5FA)
YUV	210.0420, 19.6993, -18.4538
Hunter-Lab	80.8143, -4.4021, -16.6335

Details

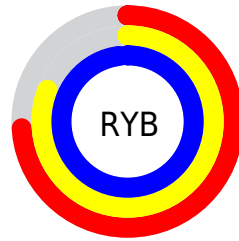
The YUV color $210.0420, 19.6993, -18.4538$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $228.9580, -19.6993, 18.4538$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3090, 1.3267, -5.5330$, and $155.1130, 18.6783, -17.6391$ is the 20% darker color. If you saturate the color by 10%, you get $193.7620, 27.7253, -26.1013$, and if you desaturate by 10%, it is $226.3220, 11.6733, -10.8064$.

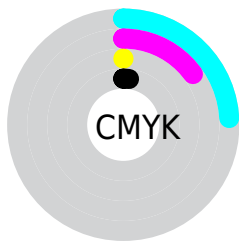
Distribution



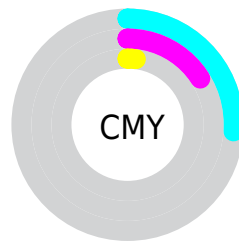
- Red (74%)
- Green (84%)
- Blue (98%)



- Red (74%)
- Yellow (81%)
- Blue (98%)



- Cyan (24%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



- Cyan (26%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.0420, 19.6993, -18.4538 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 210.0420, 19.6993, -18.4538 by changing the saturation by 10% instead.

■ 210.0420, 19.6993,
-18.4538

■ 210.0420, 19.6993,
-18.4538

255.0000, 0.0000,
0.0000

■ 181.9280, 19.2625,
-18.3539

■ 252.3090, 1.3267,
-5.5330

■ 155.1130, 18.6783,
-17.6391

■ 128.7000, 18.3889,
-18.1539

■ 103.5860, 17.9521,
-18.0539

■ 79.0590, 17.2259,
-18.4687

■ 55.3470, 17.0839,
-19.5983

■ 31.6130, 16.9528,

-24.2166

■ 15.5820, 14.0101,
-13.6654

■ 3.2090, 9.7570,
-2.8143

■ 210.0420, 19.6993,
-18.4538

■ 210.0420, 19.6993,
-18.4538

■ 193.7620, 27.7253,
-26.1013

■ 226.3220, 11.6733,
-10.8064

■ 177.4820, 35.7514,
-33.7487

■ 242.6020, 3.6472,
-3.1590

■ 161.2020, 43.7774,
-41.3962

■ 254.4300, -2.1840,
0.4999

■ 144.3350, 52.0928,
-48.5288

■ 128.0550, 60.1189,
-56.1762

■ 111.7750, 68.1449,
-63.8237

■ 95.4950, 76.1710,
-71.4711

■ 86.0260, 80.8392,
-75.4448

Harmonies

Analogous

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



206.6010, 18.4377, -33.8531



210.0420, 19.6993, -18.4538



213.1370, 15.7085, 1.6339

Triad

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



210.0420, 19.6993, -18.4538



214.1630, -10.4334, 33.1830



206.2180, -7.5025, -20.3622

Complementary

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



210.0420, 19.6993, -18.4538



228.9580, -19.6993, 18.4538

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.



208.2650, -15.4136, -2.8634



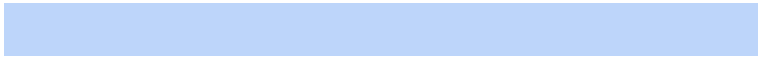
210.0420, 19.6993, -18.4538



212.4090, -16.9636, 27.7053

Square

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



210.0420, 19.6993, -18.4538



215.1440, -1.5500, 30.5687



210.7510, -19.1042, 14.2504



204.1760, 2.8712, -34.3574

Rectangle

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



210.0420, 19.6993, -18.4538



214.3620, 11.1605, 13.7145



210.7510, -19.1042, 14.2504



206.5670, -10.1395, -14.5293

Sweetspot

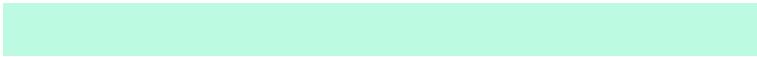
The Sweet Spot groups the original color and five complimentary colors.



210.0420, 19.6993, -18.4538



243.1610, 5.8366, -5.4032



229.0250, -1.4913, -35.1019



120.6020, 3.6472, -3.1590



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.



210.0420, 19.6993, -18.4538



206.4590, 23.9307, -22.3275



197.7480, 25.7602, -2.4100



116.4170, 4.2314, -3.8737



64.9840, 61.1399, -56.9910



21.0420, 19.6993, -18.4538

Inverse Universe

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



209.9750, 1.4913, 35.1019



206.4320, 1.7590, 42.5941



241.2520, -25.7602, 2.4100



116.4570, 0.2677, 7.4922



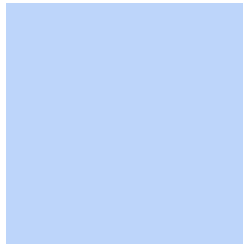
64.9470, 4.4631, 108.7945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 210.0420, 19.6993, -18.4538 looks on a white background.

Color Contrast Check

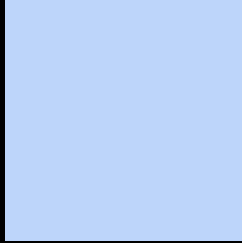
Large Text (above 18pt) WCAG AA × Fail

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 210.0420, 19.6993, -18.4538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

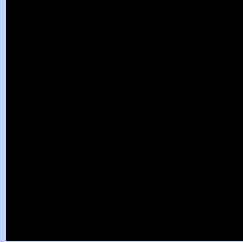
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.0420, 19.6993, -18.4538

Background



This preview shows how black text looks on a background with the YUV color 210.0420, 19.6993, -18.4538.



This preview shows how white text looks on a background with the YUV color 210.0420, 19.6993, -18.4538.

-18.4538.

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

210.0420, 19.6993, -18.4538

Protanopia

211.5380, 17.4828, -7.4878

Deuteranopia

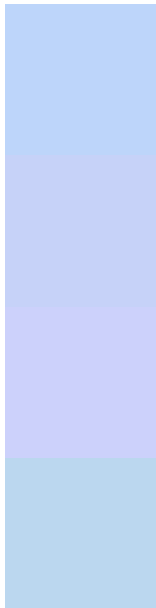
212.9240, 18.7715, -0.8103



Tritanopia

208.9680, 11.8478, -20.1429

Trichromacy



Original Color

210.0420, 19.6993, -18.4538

Protanomaly

210.7440, 18.3672, -11.1765

Deuteranomaly

212.2930, 19.0826, -7.2730

Tritanomaly

209.3640, 14.6105, -19.6132

Monochromacy



Original Color

210.0420, 19.6993, -18.4538

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.0420, 19.6993, -18.4538 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(189, 213, 250)` looks like.

```
.text, #text, p{  
    color:rgb(189, 213, 250)  
}
```

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(189, 213, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 213, 250) }
```

Border

The CSS property to change the border of an element to YUV 210.0420, 19.6993, -18.4538 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(189, 213, 250) }
```


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

```
.border{ border-color:rgb(189, 213, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 213, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 213, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 213, 250);  
box-shadow:4px 4px 4px 4px rgb(189, 213,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 210.0420, 19.6993, -18.4538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 213, 250) }
```

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

```
.background{ background-color: rgb(189,  
213, 250) }
```

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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