

Converting Colors

YUV(206.4820, 18.9894,
-24.1017)

Have a look what the booklet for
YUV(206.4820, 18.9894, -24.1017)
contains.

YUV(206.4820, 18.9894, -24.1017)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(206.4820, 18.9894,
-24.1017)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D5F5
RGB	179, 213, 245
RGB Percent	70%, 84%, 96%
CMY	0.2980, 0.1647, 0.0392
CMYK	0.27, 0.13, 0.00, 0.04
HSL	209°, 77%, 83%
HSV	209°, 27%, 96%
XYZ	58.8661, 63.7648, 95.5915
YIQ	206.4820, -30.5360, 2.7440

Conversions

Conversions Part 2

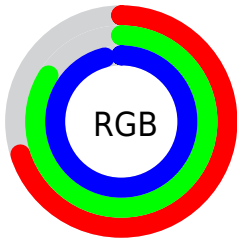
Format	Color
R _Y B	179, 201, 245
Decimal	11785717
CIE Lab	83.84, -4.16, -19.36
CIE LCh	84, 19.805, 257.876
Yxy	63.7648, 0.2698, 0.2922
Android (android.graphics.Color)	4289975797 (0xFFB3D5F5)
YUV	206.4820, 18.9894, -24.1017
Hunter-Lab	79.8529, -8.1555, -15.0788

Details

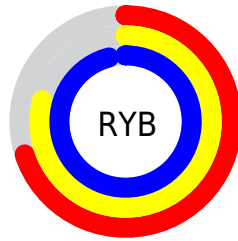
The YUV color $206.4820, 18.9894, -24.1017$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $217.5180, -18.9894, 24.1017$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3190, 2.8007, -11.6808$, and $151.6670, 18.4052, -23.3870$ is the 20% darker color. If you saturate the color by 10%, you get $192.2620, 25.9998, -32.6788$, and if you desaturate by 10%, it is $220.7020, 11.9789, -15.5247$.

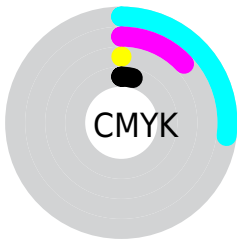
Distribution



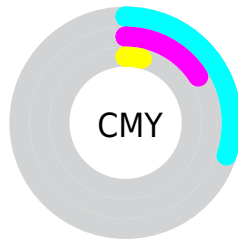
- Red (70%)
- Green (84%)
- Blue (96%)



- Red (70%)
- Yellow (79%)
- Blue (96%)



- Cyan (27%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (30%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.4820, 18.9894, -24.1017 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 206.4820, 18.9894, -24.1017 by changing the saturation by 10% instead.

■ 206.4820, 18.9894,
-24.1017

■ 206.4820, 18.9894,
-24.1017

255.0000, 0.0000,
0.0000

■ 178.7810, 18.8420,
-23.4869

■ 249.3190, 2.8007,
-11.6808

■ 151.6670, 18.4052,
-23.3870

■ 125.5530, 17.9684,
-23.2870

■ 100.0260, 17.2422,
-23.7018

■ 75.6130, 16.9528,
-24.2166

■ 51.3030, 17.1056,
-26.5757

■ 29.3740, 16.0846,

-25.7610

■ 15.1260, 12.2629,
-13.2655

■ 2.7530, 8.0098,
-2.4144

■ 206.4820, 18.9894,
-24.1017

■ 206.4820, 18.9894,
-24.1017

■ 192.2620, 25.9998,
-32.6788

■ 220.7020, 11.9789,
-15.5247

■ 177.7430, 33.1577,
-41.8706

■ 235.2210, 4.8210,
-6.3328

■ 163.5230, 40.1682,
-50.4477

■ 249.4410, -2.1894,
2.2442

■ 149.0040, 47.3260,
-59.6395

■ 253.8600, -4.3680,
0.9998

■ 135.0720, 54.1945,
-69.3461

■ 120.8520, 61.2050,
-77.9232

■ 106.3330, 68.3628,
-87.1150

■ 101.8920, 70.5522,
-89.3593

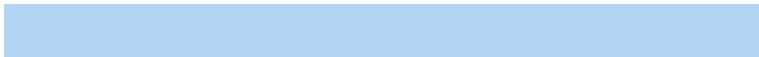
Harmonies

Analogous

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



203.6070, 15.9697, -35.6123



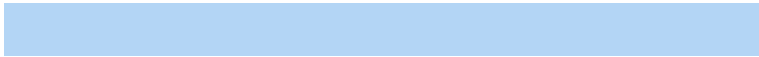
206.4820, 18.9894, -24.1017



210.0220, 16.7512, -6.1583

Triad

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



206.4820, 18.9894, -24.1017



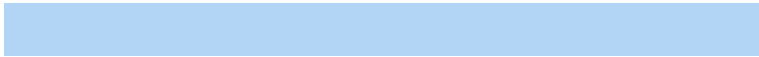
211.7760, -6.7916, 31.7684



204.5780, -10.1450, -12.7849

Complementary

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



206.4820, 18.9894, -24.1017



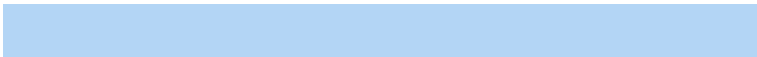
217.5180, -18.9894, 24.1017

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.



206.9670, -16.7457, 4.4139



206.4820, 18.9894, -24.1017



211.1040, -14.3483, 28.8498

Square

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



206.4820, 18.9894, -24.1017



212.7350, 2.1026, 25.6654



209.1260, -17.8101, 19.1835



202.5960, -0.7868, -27.7097

Rectangle

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



206.4820, 18.9894, -24.1017



211.8880, 13.3662, 6.2372



209.1260, -17.8101, 19.1835



205.8130, -13.2188, -6.8520

Sweetspot

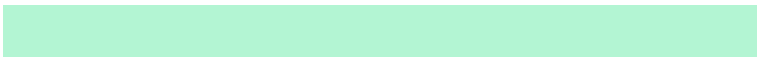
The Sweet Spot groups the original color and five complimentary colors.



206.4820, 18.9894, -24.1017



243.1500, 5.8421, -7.1475



221.3900, -5.1223, -37.1760



120.0040, 3.9420, -4.3885



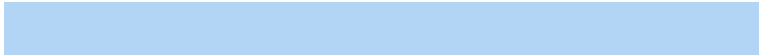
0.0000, 0.0000, 0.0000



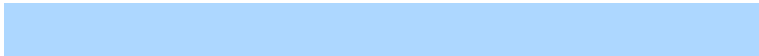
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



206.4820, 18.9894, -24.1017



207.0020, 23.6630, -29.8198



187.1110, 28.5393, -7.1133



114.8900, 3.5052, -4.2885



77.5560, 53.4629, -68.0166



24.3360, 17.0894, -21.3427

Inverse Universe

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



202.6100, 5.1223, 37.1760



202.3060, 6.2581, 46.2126



236.8890, -28.5393, 7.1133



114.2720, 0.8519, 6.7775



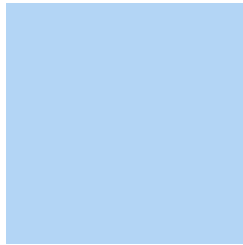
66.5580, 14.5149, 104.7506



21.0610, 4.4069, 33.2725

Previews

White Background



This preview shows how the YUV color 206.4820, 18.9894, -24.1017 looks on a white background.

Color Contrast Check

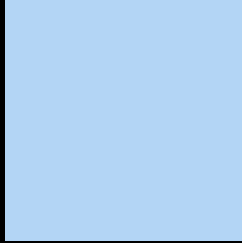
Large Text (above 18pt) WCAG AA × Fail

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 206.4820, 18.9894, -24.1017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

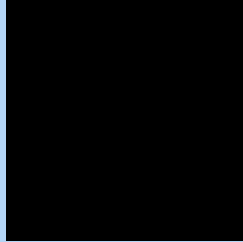
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

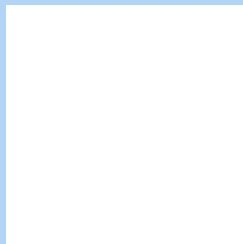
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 206.4820, 18.9894, -24.1017

Background



This preview shows how black text looks on a background with the YUV color 206.4820, 18.9894, -24.1017.



This preview shows how white text looks on a background with the YUV color 206.4820, 18.9894, -24.1017.

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

206.4820, 18.9894, -24.1017

Protanopia

209.3810, 15.5882, -6.4731

Deuteranopia

210.6960, 17.8979, -0.6104



Tritanopia

205.2770, 13.1744, -25.6759

Trichromacy



Original Color

206.4820, 18.9894, -24.1017

Protanomaly

208.2770, 16.6254, -12.5209

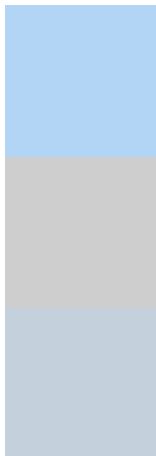
Deuteranomaly

209.0540, 18.2144, -8.8174

Tritanomaly

205.5590, 15.5004, -25.0462

Monochromacy



Original Color

206.4820, 18.9894, -24.1017

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.3670, 6.7211, -9.0919

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.4820, 18.9894, -24.1017 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(179, 213, 245)` looks like.

```
.text, #text, p{  
    color:rgb(179, 213, 245)  
}
```

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(179, 213, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 213, 245) }
```

Border

The CSS property to change the border of an element to YUV 206.4820, 18.9894, -24.1017 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(179, 213, 245) }
```


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

```
.border{ border-color:rgb(179, 213, 245) }
```

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

Here you see how a box with a 4 pixel rgb(179, 213, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 213, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 213, 245);  
box-shadow:4px 4px 4px 4px rgb(179, 213,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 206.4820, 18.9894, -24.1017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 213, 245) }
```

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

```
.background{ background-color: rgb(179,  
213, 245) }
```

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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