

Converting Colors

YUV(206.1780, 20.1252,
-15.0651)

Have a look what the booklet for
YUV(206.1780, 20.1252, -15.0651)
contains.

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Color

**YUV(206.1780, 20.1252,
-15.0651)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCFF7
RGB	189, 207, 247
RGB Percent	74%, 81%, 97%
CMY	0.2588, 0.1882, 0.0314
CMYK	0.23, 0.16, 0.00, 0.03
HSL	221°, 78%, 85%
HSV	221°, 23%, 97%
XYZ	60.0876, 62.1599, 96.8268
YIQ	206.1780, -23.5680, 8.6240

Conversions

Conversions Part 2

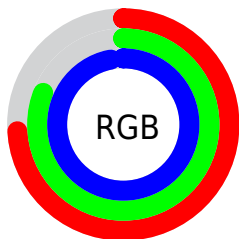
Format	Color
RYB	189, 203, 247
Decimal	12439543
CIELab	83.00, 2.41, -21.64
CIELCh	83, 21.775, 276.353
Yxy	62.1599, 0.2743, 0.2837
Android (android.graphics.Color)	4290629623 (0xFFBDCFF7)
YUV	206.1780, 20.1252, -15.0651
Hunter-Lab	78.8415, -1.9322, -17.6261

Details

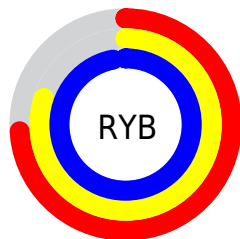
The YUV color $206.1780, 20.1252, -15.0651$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $229.8220, -20.1252, 15.0651$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3090, 1.3267, -5.5330$, and $151.9500, 19.2517, -14.8651$ is the 20% darker color. If you saturate the color by 10%, you get $188.7240, 28.7301, -21.6829$, and if you desaturate by 10%, it is $223.6320, 11.5204, -8.4473$.

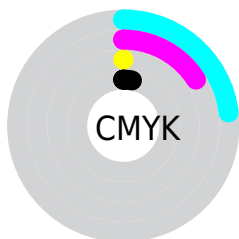
Distribution



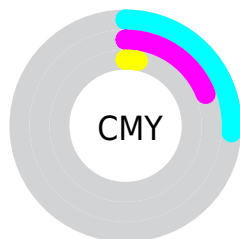
- Red (74%)
- Green (81%)
- Blue (97%)



- Red (74%)
- Yellow (80%)
- Blue (97%)



- Cyan (23%)
- Magenta (16%)
- Yellow (0%)
- Black (3%)



- Cyan (26%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.1780, 20.1252, -15.0651 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 206.1780, 20.1252, -15.0651 by changing the saturation by 10% instead.

■ 206.1780, 20.1252,
-15.0651

■ 206.1780, 20.1252,
-15.0651

255.0000, 0.0000,
0.0000

■ 178.9500, 19.2517,
-14.8651

■ 252.3090, 1.3267,
-5.5330

■ 151.9500, 19.2517,
-14.8651

■ 125.7220, 18.3781,
-14.6652

■ 100.3090, 18.0887,
-15.1800

■ 76.1950, 17.6519,
-15.0800

■ 52.3690, 17.0731,
-16.1096

■ 29.3470, 17.0839,

-19.5983

■ 11.2450, 15.1622,
-9.8619

■ 2.8670, 8.4466,
-2.5144

■ 206.1780, 20.1252,
-15.0651

■ 206.1780, 20.1252,
-15.0651

■ 188.7240, 28.7301,
-21.6829

■ 223.6320, 11.5204,
-8.4473

■ 171.5690, 37.1875,
-27.6860

■ 240.7870, 3.0630,
-2.4442

■ 154.1150, 45.7923,
-34.3039

■ 254.0880, -3.4944,
0.7998

■ 136.6610, 54.3971,
-40.9217

■ 119.5060, 62.8545,
-46.9248

■ 102.0520, 71.4594,
-53.5426

■ 84.5980, 80.0642,
-60.1604

■ 73.3570, 85.6060,
-64.3341

Harmonies

Analogous

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



202.1820, 20.6163, -32.6086



206.1780, 20.1252, -15.0651



209.3440, 15.1134, 5.8373

Triad

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



206.1780, 20.1252, -15.0651



208.8920, -12.7648, 34.2977



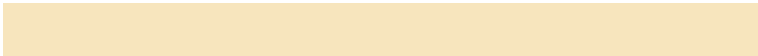
200.4670, -5.1602, -24.9656

Complementary

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



206.1780, 20.1252, -15.0651



229.8220, -20.1252, 15.0651

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.



203.0580, -14.8186, -7.0669



206.1780, 20.1252, -15.0651



207.6430, -18.5580, 25.7461

Square

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



206.1780, 20.1252, -15.0651



209.9980, -3.4500, 33.3278



205.6150, -19.5302, 10.8616



199.1370, 5.3555, -37.8311

Rectangle

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



206.1780, 20.1252, -15.0651



210.3410, 9.6919, 18.1179



205.6150, -19.5302, 10.8616



201.4740, -9.1077, -18.8327

Sweetspot

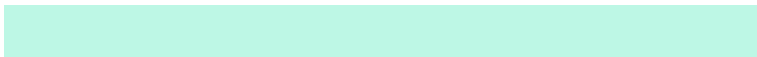
The Sweet Spot groups the original color and five complimentary colors.



206.1780, 20.1252, -15.0651



242.5740, 6.1260, -4.8884



227.6060, 0.6872, -33.8575



120.0150, 3.9366, -2.6442



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.



206.1780, 20.1252, -15.0651



205.0080, 24.6461, -18.4240



198.9010, 23.7128, 0.9638



113.7160, 4.0840, -3.2589



55.2500, 64.4597, -48.4543



17.2920, 20.5620, -15.1651

Inverse Universe

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



208.3940, -0.6872, 33.8575



207.7370, -0.8563, 41.4497



237.0990, -23.7128, -0.9638



114.0440, -0.0217, 6.9774



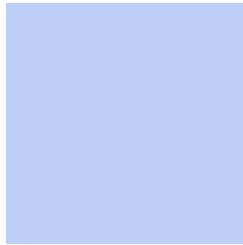
62.2260, -2.0834, 108.5498



19.6930, -0.8346, 34.4722

Previews

White Background



This preview shows how the YUV color 206.1780, 20.1252, -15.0651 looks on a white background.

Color Contrast Check

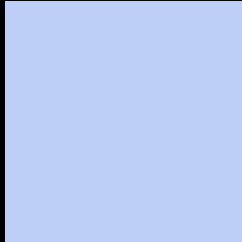
Large Text (above 18pt) WCAG AA × Fail

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 206.1780, 20.1252, -15.0651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

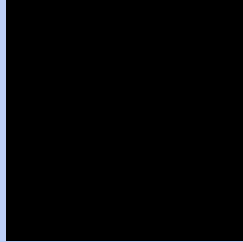
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.1780, 20.1252, -15.0651

Background



This preview shows how black text looks on a background with the YUV color 206.1780, 20.1252, -15.0651.



This preview shows how white text looks on a background with the YUV color 206.1780, 20.1252, -15.0651.

-15.0651.

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

206.1780, 20.1252, -15.0651

Protanopia

207.4670, 18.5038, -8.3026

Deuteranopia

208.4400, 19.5031, -2.1399



Tritanopia

204.4630, 11.1107, -17.0691

Trichromacy



Original Color

206.1780, 20.1252, -15.0651

Protanomaly

207.2710, 19.0934, -10.7617

Deuteranomaly

207.8200, 19.8087, -6.8581

Tritanomaly

204.9730, 14.3103, -16.6393

Monochromacy



Original Color

206.1780, 20.1252, -15.0651

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.9160, 7.4364, -5.1883

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.1780, 20.1252, -15.0651 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, 207, 247)` looks like.

```
.text, #text, p{  
    color:rgb(189, 207, 247)  
}
```

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, 207, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 207, 247) }
```

Border

The CSS property to change the border of an element to YUV 206.1780, 20.1252, -15.0651 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, 207, 247) }
```


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

```
.border{ border-color:rgb(189, 207, 247) }
```

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

Here you see how a box with a 4 pixel rgb(189, 207, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 207, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 207, 247);  
box-shadow:4px 4px 4px 4px rgb(189, 207,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 206.1780, 20.1252, -15.0651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 207, 247) }
```

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

```
.background{ background-color: rgb(189,  
207, 247) }
```

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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