

Converting Colors

YUV(204.6830, 20.8623,
-18.1390)

Have a look what the booklet for
YUV(204.6830, 20.8623, -18.1390)
contains.

YUV(204.6830, 20.8623, -18.1390)	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(204.6830, 20.8623,
-18.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CFF7
RGB	184, 207, 247
RGB Percent	72%, 81%, 97%
CMY	0.2784, 0.1882, 0.0314
CMYK	0.26, 0.16, 0.00, 0.03
HSL	218°, 80%, 85%
HSV	218°, 26%, 97%
XYZ	58.8685, 61.5314, 96.7697
YIQ	204.6830, -26.5480, 7.5640

Conversions

Conversions Part 2

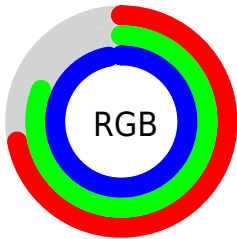
Format	Color
RYB	184, 201, 247
Decimal	12111863
CIELab	82.66, 0.93, -22.18
CIELCh	83, 22.200, 272.402
Yxy	61.5314, 0.2711, 0.2833
Android (android.graphics.Color)	4290301943 (0xFFB8CFF7)
YUV	204.6830, 20.8623, -18.1390
Hunter-Lab	78.4419, -3.3142, -18.2336

Details

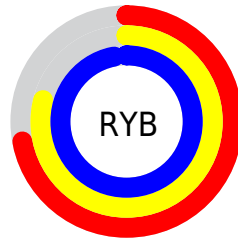
The YUV color $204.6830, 20.8623, -18.1390$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $226.3170, -20.8623, 18.1390$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8140, 2.0637, -8.6069$, and $150.4550, 19.9887, -17.9390$ is the 20% darker color. If you saturate the color by 10%, you get $187.8160, 29.1777, -25.2716$, and if you desaturate by 10%, it is $221.5500, 12.5468, -11.0064$.

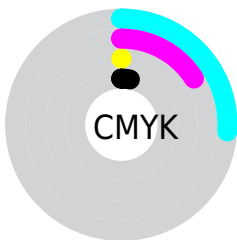
Distribution



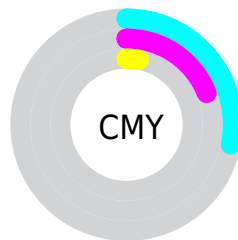
- Red (72%)
- Green (81%)
- Blue (97%)



- Red (72%)
- Yellow (79%)
- Blue (97%)



- Cyan (26%)
- Magenta (16%)
- Yellow (0%)
- Black (3%)



- Cyan (28%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.6830, 20.8623, -18.1390 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 204.6830, 20.8623, -18.1390 by changing the saturation by 10% instead.

■ 204.6830, 20.8623,
-18.1390

■ 204.6830, 20.8623,
-18.1390

255.0000, 0.0000,
0.0000

■ 177.4550, 19.9887,
-17.9390

■ 250.8140, 2.0637,
-8.6069

■ 150.4550, 19.9887,
-17.9390

■ 124.2270, 19.1151,
-17.7391

■ 98.8140, 18.8257,
-18.2539

■ 74.4010, 18.5363,
-18.7687

■ 50.5750, 17.9575,
-19.7983

■ 27.2540, 18.1158,

-23.9018

■ 11.2450, 15.1622,
-9.8619

■ 2.8670, 8.4466,
-2.5144

■ 204.6830, 20.8623,
-18.1390

■ 204.6830, 20.8623,
-18.1390

■ 187.8160, 29.1777,
-25.2716

■ 221.5500, 12.5468,
-11.0064

■ 171.8350, 37.0563,
-32.3043

■ 237.5310, 4.6682,
-3.9737

■ 154.9680, 45.3718,
-39.4369

■ 253.5010, -3.2050,
1.3146

■ 138.1010, 53.6872,
-46.5696

■ 254.0880, -3.4944,
0.7998

■ 122.1200, 61.5658,
-53.6022

■ 105.2530, 69.8813,
-60.7349

■ 88.3860, 78.1967,
-67.8675

■ 80.9880, 81.8439,
-71.0265

Harmonies

Analogous

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



200.4590, 20.4797, -35.4825



204.6830, 20.8623, -18.1390



208.2620, 16.1398, 3.2782

Triad

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



204.6830, 20.8623, -18.1390



208.4190, -12.0386, 34.7125



200.0220, -6.9128, -22.8213

Complementary

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



204.6830, 20.8623, -18.1390



226.3170, -20.8623, 18.1390

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.



202.1400, -15.8450, -4.5078



204.6830, 20.8623, -18.1390



206.9530, -18.7108, 28.1052

Square

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



204.6830, 20.8623, -18.1390



209.3400, -2.1396, 33.0278



204.8110, -20.1198, 13.3208



197.9090, 4.4819, -37.6312

Rectangle

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



204.6830, 20.8623, -18.1390



209.5580, 10.5709, 16.1736



204.8110, -20.1198, 13.3208



200.8440, -10.2761, -17.4032

Sweetspot

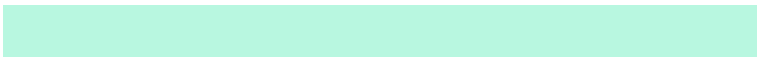
The Sweet Spot groups the original color and five complimentary colors.



204.6830, 20.8623, -18.1390



241.3890, 6.7102, -5.6032



225.5410, -0.7597, -36.4315



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.



204.6830, 20.8623, -18.1390



202.0290, 26.1147, -22.8274



193.5740, 26.3390, -1.3804



114.3030, 3.7946, -3.7737



61.1200, 61.5658, -53.6022



19.0530, 19.6939, -16.7095

Inverse Universe

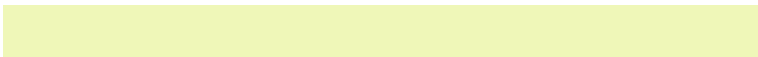
The Inverse Universe completely reimagines the original color for something new.



205.4590, 0.7597, 36.4315



202.9270, 1.0220, 45.6680



237.4260, -26.3390, 1.3804



114.1580, 0.4151, 6.8774



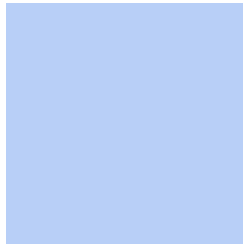
63.3660, 2.2846, 107.5500



20.0350, 0.4757, 34.1723

Previews

White Background



This preview shows how the YUV color 204.6830, 20.8623, -18.1390 looks on a white background.

Color Contrast Check

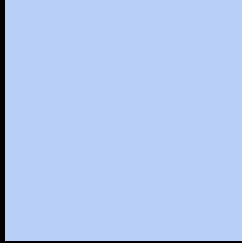
Large Text (above 18pt) WCAG AA × Fail

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 204.6830, 20.8623, -18.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

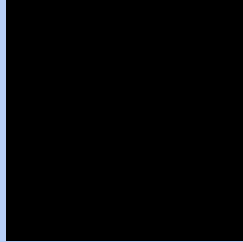
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.6830, 20.8623, -18.1390

Background



This preview shows how black text looks on a background with the YUV color 204.6830, 20.8623, -18.1390.



This preview shows how white text looks on a background with the YUV color 204.6830, 20.8623, -18.1390.

-18.1390.

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

204.6830, 20.8623, -18.1390

Protanopia

206.5810, 18.9406, -8.4025

Deuteranopia

207.2550, 20.0873, -2.8546



Tritanopia

202.9680, 11.8478, -20.1429

Trichromacy



Original Color

204.6830, 20.8623, -18.1390

Protanomaly

205.7870, 19.8250, -12.0912

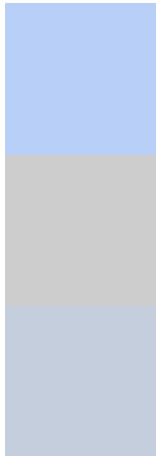
Deuteranomaly

206.3360, 20.5404, -8.1877

Tritanomaly

203.4780, 15.0473, -19.7132

Monochromacy



Original Color

204.6830, 20.8623, -18.1390

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.6830, 20.8623, -18.1390 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(184, 207, 247)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 207, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 207, 247) }
```

Border

The CSS property to change the border of an element to YUV 204.6830, 20.8623, -18.1390 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(184, 207, 247) }
```


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

```
.border{ border-color:rgb(184, 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(184, 207, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 207, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 207, 247);  
box-shadow:4px 4px 4px 4px rgb(184, 207,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 204.6830, 20.8623, -18.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 207, 247) }
```

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

```
.background{ background-color: rgb(184,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor