

Converting Colors

YUV(204.7260, 22.3201,
-19.0537)

Have a look what the booklet for
YUV(204.7260, 22.3201, -19.0537)
contains.

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Color

**YUV(204.7260, 22.3201,
-19.0537)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CFFA
RGB	183, 207, 250
RGB Percent	72%, 81%, 98%
CMY	0.2824, 0.1882, 0.0196
CMYK	0.27, 0.17, 0.00, 0.02
HSL	219°, 87%, 85%
HSV	219°, 27%, 98%
XYZ	59.0966, 61.5951, 99.2168
YIQ	204.7260, -28.1070, 8.2850

Conversions

Conversions Part 2

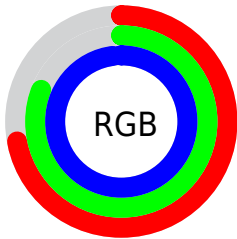
Format	Color
RYB	183, 201, 250
Decimal	12046330
CIELab	82.70, 1.33, -23.73
CIELCh	83, 23.766, 273.217
Yxy	61.5951, 0.2687, 0.2801
Android (android.graphics.Color)	4290236410 (0xFFB7CFFA)
YUV	204.7260, 22.3201, -19.0537
Hunter-Lab	78.4825, -2.9356, -20.0160

Details

The YUV color $204.7260, 22.3201, -19.0537$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $228.2740, -22.3201, 19.0537$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5150, 2.2111, -9.2217$, and $150.3840, 21.0097, -18.7538$ is the 20% darker color. If you saturate the color by 10%, you get $187.8590, 30.6355, -26.1863$, and if you desaturate by 10%, it is $221.5930, 14.0047, -11.9211$.

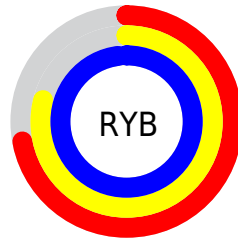
Distribution



Red (72%)

Green (81%)

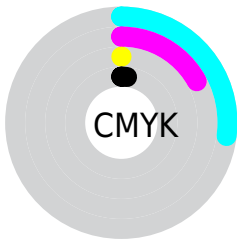
Blue (98%)



Red (72%)

Yellow (79%)

Blue (98%)

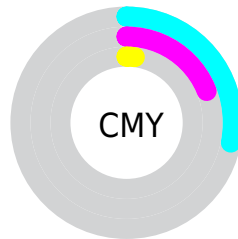


Cyan (27%)

Magenta (17%)

Yellow (0%)

Black (2%)



Cyan (28%)

Magenta (19%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.7260, 22.3201, -19.0537 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 204.7260, 22.3201, -19.0537 by changing the saturation by 10% instead.

■ 204.7260, 22.3201,
-19.0537

■ 204.7260, 22.3201,
-19.0537

255.0000, 0.0000,
0.0000

■ 177.1990, 21.5939,
-19.4685

■ 250.5150, 2.2111,
-9.2217

■ 150.3840, 21.0097,
-18.7538

■ 123.9710, 20.7203,
-19.2686

■ 98.8570, 20.2835,
-19.1686

■ 74.3300, 19.5573,
-19.5834

■ 49.9060, 19.2733,
-21.8426

■ 27.4820, 18.9894,

-24.1017

■ 12.0600, 15.7464,
-10.5766

■ 3.0950, 9.3202,
-2.7143

■ 204.7260, 22.3201,
-19.0537

■ 204.7260, 22.3201,
-19.0537

■ 187.8590, 30.6355,
-26.1863

■ 221.5930, 14.0047,
-11.9211

■ 170.9920, 38.9509,
-33.3190

■ 238.4600, 5.6892,
-4.7884

■ 154.1250, 47.2664,
-40.4516

■ 254.4300, -2.1840,
0.4999

■ 137.2580, 55.5818,
-47.5843

■ 120.3910, 63.8972,
-54.7169

■ 103.5240, 72.2127,
-61.8495

■ 86.6570, 80.5281,
-68.9822

■ 81.3300, 83.1543,
-71.3264

Harmonies

Analogous

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



200.4910, 21.9429, -38.1416



204.7260, 22.3201, -19.0537



208.2020, 17.1554, 4.2078

Triad

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



204.7260, 22.3201, -19.0537



208.5010, -13.0650, 37.2716



199.5980, -7.1968, -25.0804

Complementary

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



204.7260, 22.3201, -19.0537



228.2740, -22.3201, 19.0537

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.



202.2000, -16.8606, -5.4374



204.7260, 22.3201, -19.0537



207.0240, -19.7318, 28.9200

Square

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



204.7260, 22.3201, -19.0537



209.5360, -2.7292, 35.4869



204.7680, -21.5776, 14.2355



197.4140, 5.2189, -40.7051

Rectangle

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



204.7260, 22.3201, -19.0537



209.7970, 11.4391, 17.7180



204.7680, -21.5776, 14.2355



200.1320, -10.4181, -18.5328

Sweetspot

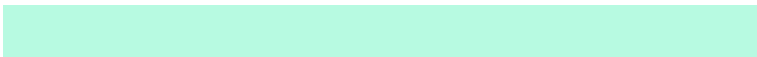
The Sweet Spot groups the original color and five complimentary colors.



204.7260, 22.3201, -19.0537



241.3890, 6.7102, -5.6032



227.1170, -1.0437, -38.6906



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.



204.7260, 22.3201, -19.0537



199.9580, 27.1357, -23.6422



193.3290, 27.9388, -1.1655



116.4170, 4.2314, -3.8737



61.4620, 62.8762, -53.9022



19.8680, 20.2781, -17.4242

Inverse Universe

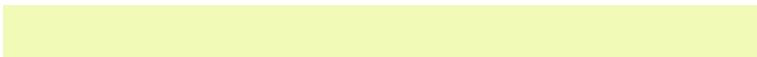
The Inverse Universe completely reimagines the original color for something new.



205.7690, 0.6069, 38.7906



200.9380, 1.0166, 47.4124



239.6710, -27.9388, 1.1655



116.4570, 0.2677, 7.4922



64.2630, 1.8423, 109.3943



20.7470, 0.6177, 35.3019

Previews

White Background



This preview shows how the YUV color 204.7260, 22.3201, -19.0537 looks on a white background.

Color Contrast Check

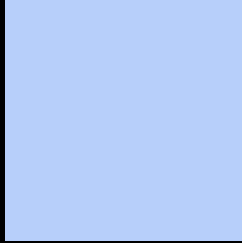
Large Text (above 18pt) WCAG AA × Fail

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 204.7260, 22.3201, -19.0537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

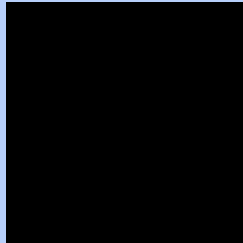
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.7260, 22.3201, -19.0537

Background



This preview shows how black text looks on a background with the YUV color 204.7260, 22.3201, -19.0537.



This preview shows how white text looks on a background with the YUV color 204.7260, 22.3201, -19.0537.

-19.0537.

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

204.7260, 22.3201, -19.0537

Protanopia

206.6240, 20.3984, -9.3172

Deuteranopia

206.9990, 21.6925, -4.3841



Tritanopia

203.0710, 12.2900, -21.9873

Trichromacy



Original Color

204.7260, 22.3201, -19.0537

Protanomaly

205.8300, 21.2828, -13.0059

Deuteranomaly

206.0800, 22.1456, -9.7172

Tritanomaly

203.9940, 15.7790, -21.0427

Monochromacy



Original Color

204.7260, 22.3201, -19.0537

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.0190, 7.8786, -7.0327

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.7260, 22.3201, -19.0537 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(183, 207, 250)` looks like.

```
.text, #text, p{  
    color:rgb(183, 207, 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(183, 207, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 207, 250) }
```

Border

The CSS property to change the border of an element to YUV 204.7260, 22.3201, -19.0537 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(183, 207, 250) }
```


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

```
.border{ border-color:rgb(183, 207, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 207, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 207, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 207, 250);  
box-shadow:4px 4px 4px 4px rgb(183, 207,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 204.7260, 22.3201, -19.0537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 207, 250) }
```

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

```
.background{ background-color: rgb(183,  
207, 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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