

Converting Colors

YUV(202.9440, 21.7196,
-13.1059)

Have a look what the booklet for
YUV(202.9440, 21.7196, -13.1059)
contains.

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Color

**YUV(202.9440, 21.7196,
-13.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCAF7
RGB	188, 202, 247
RGB Percent	74%, 79%, 97%
CMY	0.2627, 0.2078, 0.0314
CMYK	0.24, 0.18, 0.00, 0.03
HSL	226°, 79%, 85%
HSV	226°, 24%, 97%
XYZ	58.6481, 59.6478, 96.4178
YIQ	202.9440, -22.7890, 11.0270

Conversions

Conversions Part 2

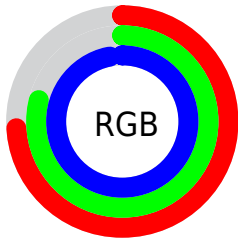
Format	Color
RYB	188, 199, 247
Decimal	12372727
CIELab	81.65, 4.78, -23.70
CIELCh	82, 24.178, 281.408
Yxy	59.6478, 0.2731, 0.2778
Android (android.graphics.Color)	4290562807 (0xFFBCCAF7)
YUV	202.9440, 21.7196, -13.1059
Hunter-Lab	77.2320, 0.3925, -19.9563

Details

The YUV color $202.9440, 21.7196, -13.1059$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $232.0560, -21.7196, 13.1059$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0100, 1.4741, -6.1478$, and $148.7160, 20.8460, -12.9059$ is the 20% darker color. If you saturate the color by 10%, you get $184.3160, 30.9032, -18.6941$, and if you desaturate by 10%, it is $221.5720, 12.5360, -7.5176$.

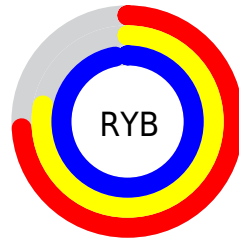
Distribution



Red (74%)

Green (79%)

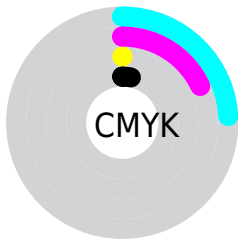
Blue (97%)



Red (74%)

Yellow (78%)

Blue (97%)

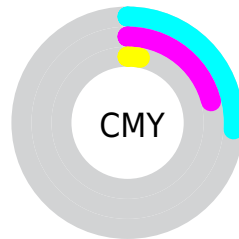


Cyan (24%)

Magenta (18%)

Yellow (0%)

Black (3%)



Cyan (26%)

Magenta (21%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.9440, 21.7196, -13.1059 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 202.9440, 21.7196, -13.1059 by changing the saturation by 10% instead.

■ 202.9440, 21.7196,
-13.1059

■ 202.9440, 21.7196,
-13.1059

255.0000, 0.0000,
0.0000

■ 175.7160, 20.8460,
-12.9059

■ 252.0100, 1.4741,
-6.1478

■ 148.7160, 20.8460,
-12.9059

■ 122.4880, 19.9724,
-12.7060

■ 97.6620, 19.3936,
-13.7356

■ 73.4340, 18.5200,
-13.5356

■ 49.7220, 18.3781,
-14.6652

■ 26.8740, 17.8101,

-19.1835

■ 7.6090, 16.4618,
-6.6731

■ 2.8670, 8.4466,
-2.5144

■ 202.9440, 21.7196,
-13.1059

■ 202.9440, 21.7196,
-13.1059

■ 184.3160, 30.9032,
-18.6941

■ 221.5720, 12.5360,
-7.5176

■ 165.9870, 39.9394,
-23.6676

■ 239.9010, 3.4998,
-2.5442

■ 147.3590, 49.1230,
-29.2558

■ 254.0880, -3.4944,
0.7998

■ 129.3180, 58.0172,
-35.3589

■ 110.9890, 67.0534,
-40.3324

■ 92.3610, 76.2370,
-45.9206

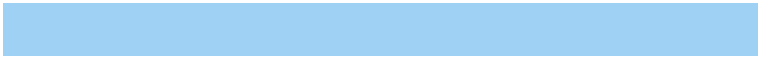
■ 73.7330, 85.4206,
-51.5088

■ 62.7910, 90.8150,
-55.0677

Harmonies

Analogous

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



198.1540, 23.0951, -34.3381



202.9440, 21.7196, -13.1059



206.0780, 15.2445, 10.4556

Triad

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



202.9440, 21.7196, -13.1059



205.2190, -15.3910, 36.6419



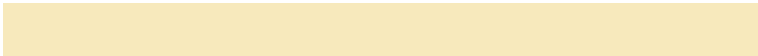
195.7760, -3.8336, -30.4986

Complementary

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



202.9440, 21.7196, -13.1059



232.0560, -21.7196, 13.1059

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.



198.6230, -15.0971, -11.0704



202.9440, 21.7196, -13.1059



203.6600, -21.0314, 25.7312

Square

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



202.9440, 21.7196, -13.1059



206.4500, -5.6448, 37.3164



200.8490, -21.1246, 8.9024



193.6030, 8.5767, -44.3788

Rectangle

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



202.9440, 21.7196, -13.1059



206.8470, 8.9494, 22.9362



200.8490, -21.1246, 8.9024



196.7830, -7.7810, -24.3657

Sweetspot

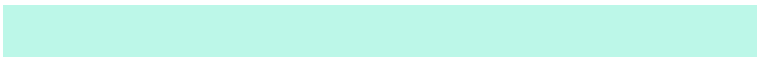
The Sweet Spot groups the original color and five complimentary colors.



202.9440, 21.7196, -13.1059



241.4000, 6.7048, -3.8588



227.6490, 2.1450, -34.7722



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.



202.9440, 21.7196, -13.1059



200.0020, 27.1140, -16.6648



199.2110, 23.5600, 3.3230



113.1290, 4.3734, -2.7441



47.0320, 68.5112, -41.2471



14.9440, 21.7196, -13.1059

Inverse Universe

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



207.2370, -2.5818, 34.8722



205.1780, -3.0458, 43.6939



235.7890, -23.5600, -3.3230



113.9300, -0.4585, 7.0774



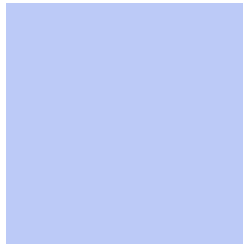
60.6300, -8.1986, 109.9495



19.2370, -2.5818, 34.8722

Previews

White Background



This preview shows how the YUV color 202.9440, 21.7196, -13.1059 looks on a white background.

Color Contrast Check

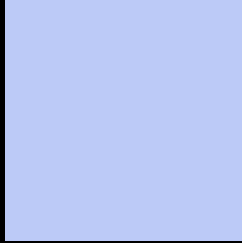
Large Text (above 18pt) WCAG AA × Fail

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 202.9440, 21.7196, -13.1059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

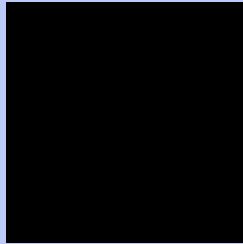
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.9440, 21.7196, -13.1059

Background



This preview shows how black text looks on a background with the YUV color 202.9440, 21.7196, -13.1059.



This preview shows how white text looks on a background with the YUV color 202.9440, 21.7196, -13.1059.

-13.1059.

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

202.9440, 21.7196, -13.1059

Protanopia

203.7380, 20.8352, -9.4172

Deuteranopia

204.2980, 21.5451, -3.7693



Tritanopia

201.0610, 10.8159, -15.8395

Trichromacy



Original Color

202.9440, 21.7196, -13.1059

Protanomaly

203.1400, 21.1300, -10.6468

Deuteranomaly

203.6890, 21.8453, -6.7433

Tritanomaly

202.0980, 14.7417, -14.9949

Monochromacy



Original Color

202.9440, 21.7196, -13.1059

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.3290, 7.7258, -4.6735

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.9440, 21.7196, -13.1059 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(188, 202, 247)` looks like.

```
.text, #text, p{  
    color:rgb(188, 202, 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(188, 202, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 202, 247) }
```

Border

The CSS property to change the border of an element to YUV 202.9440, 21.7196, -13.1059 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(188, 202, 247) }
```


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

```
.border{ border-color:rgb(188, 202, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 202, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 202, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 202, 247); box-shadow:4px 4px 4px 4px rgb(188, 202, 247) }
```

Background

The CSS property to change the background color of an element to YUV 202.9440, 21.7196, -13.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 202, 247) }
```

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

```
.background{ background-color: rgb(188,  
202, 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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