

Converting Colors

YUV(207.8000, 13.4096,
-7.7176)

Have a look what the booklet for
YUV(207.8000, 13.4096, -7.7176)
contains.

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Color

**YUV(207.8000, 13.4096,
-7.7176)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CFEB
RGB	199, 207, 235
RGB Percent	78%, 81%, 92%
CMY	0.2196, 0.1882, 0.0784
CMYK	0.15, 0.12, 0.00, 0.08
HSL	227°, 47%, 85%
HSV	227°, 15%, 92%
XYZ	60.8614, 62.7659, 87.5046
YIQ	207.8000, -13.7560, 7.0120

Conversions

Conversions Part 2

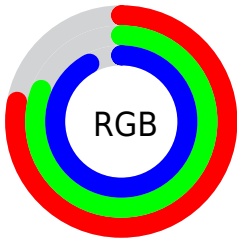
Format	Color
R_{YB}	199, 206, 235
Decimal	13094891
CIE _{Lab}	83.32, 2.86, -14.71
CIE _{LCh}	83, 14.982, 281.011
Yxy	62.7659, 0.2883, 0.2973
Android (android.graphics.Color)	4291284971 (0xFFC7CFEB)
YUV	207.8000, 13.4096, -7.7176
Hunter-Lab	79.2249, -1.5181, -10.0288

Details

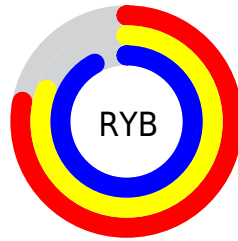
The YUV color $207.8000, 13.4096, -7.7176$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $226.2000, -13.4096, 7.7176$, and the grayscale version is $208.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $153.5720, 12.5360, -7.5176$ is the 20% darker color. If you saturate the color by 10%, you get $190.3570, 22.0090, -12.5911$, and if you desaturate by 10%, it is $225.5420, 4.6628, -2.2293$.

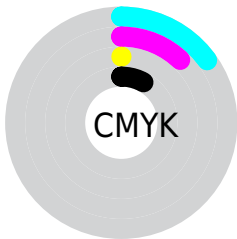
Distribution



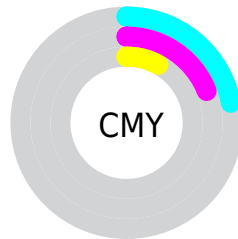
- Red (78%)
- Green (81%)
- Blue (92%)



- Red (78%)
- Yellow (81%)
- Blue (92%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (22%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.8000, 13.4096, -7.7176 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 207.8000, 13.4096, -7.7176 by changing the saturation by 10% instead.

■ 207.8000, 13.4096,
-7.7176

■ 207.8000, 13.4096,
-7.7176

255.0000, 0.0000,
0.0000

■ 180.6860, 12.9728,
-7.6176

■ 153.5720, 12.5360,
-7.5176

■ 127.4580, 12.0992,
-7.4177

■ 102.3440, 11.6624,
-7.3177

■ 78.2300, 11.2256,
-7.2177

■ 55.1160, 10.7888,
-7.1177

■ 33.7030, 10.4994,

-7.6325

■ 10.5180, 11.0836,
-8.3473

■ 0.9120, 3.4944,
-0.7998

■ 207.8000, 13.4096,
-7.7176

■ 207.8000, 13.4096,
-7.7176

■ 190.3570, 22.0090,
-12.5911

■ 225.5420, 4.6628,
-2.2293

■ 172.0280, 31.0452,
-17.5646

■ 243.5720, -4.2260,
2.1294

■ 154.5850, 39.6446,
-22.4380

■ 252.7200, -8.7360,
1.9996

■ 136.8430, 48.3914,
-27.9263

■ 119.4000, 56.9908,
-32.7998

■ 101.0710, 66.0270,
-37.7733

■ 83.6280, 74.6264,
-42.6468

■ 65.8860, 83.3732,
-48.1350

■ 57.3140, 87.5992,
-50.2644

Harmonies

Analogous

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



204.9510, 14.3212, -20.1280



207.8000, 13.4096, -7.7176



209.5630, 9.5824, 6.5222

Triad

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



207.8000, 13.4096, -7.7176



209.6240, -9.6746, 23.1318



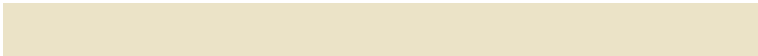
203.1950, -2.5611, -18.5880

Complementary

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



207.8000, 13.4096, -7.7176



226.2000, -13.4096, 7.7176

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.



204.5510, -9.1456, -6.6222



207.8000, 13.4096, -7.7176



208.5540, -13.5841, 17.0541

Square

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



207.8000, 13.4096, -7.7176



210.2310, -3.5649, 23.4764



206.6020, -13.1148, 6.4880



202.6870, 4.5913, -26.0355

Rectangle

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



207.8000, 13.4096, -7.7176



210.4670, 5.1928, 14.4994



206.6020, -13.1148, 6.4880



203.6470, -4.7560, -14.5994

Sweetspot

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



207.8000, 13.4096, -7.7176



245.2430, 4.8102, -2.8441



223.3240, 1.8123, -21.3321



122.0860, 2.9156, -1.8294



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.



207.8000, 13.4096, -7.7176



220.1140, 17.1988, -9.7470



206.0940, 14.2507, 2.5486



108.4280, 4.2260, -2.1294



44.1140, 67.4848, -38.6880



13.2000, 20.1144, -11.5764

Inverse Universe

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



210.6760, -1.8123, 21.3321



223.8940, -2.4127, 27.2800



227.9060, -14.2507, -2.5486



109.5170, -0.7479, 6.5626



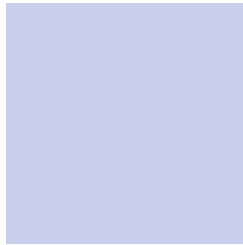
58.6790, -9.2087, 107.2755



17.5140, -2.7184, 31.9982

Previews

White Background



This preview shows how the YUV color 207.8000, 13.4096, -7.7176 looks on a white background.

Color Contrast Check

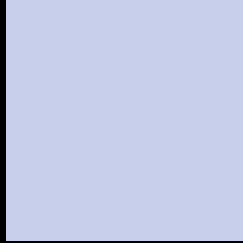
Large Text (above 18pt) WCAG AA × Fail

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 207.8000, 13.4096, -7.7176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

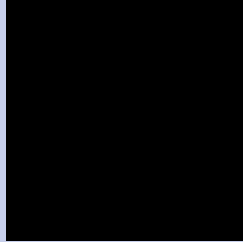
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 207.8000, 13.4096, -7.7176

Background



This preview shows how black text looks on a background with the YUV color 207.8000, 13.4096, -7.7176.



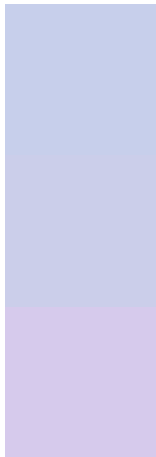
This preview shows how white text looks on a background with the YUV color 207.8000, 13.4096, -7.7176.

-7.7176.

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

207.8000, 13.4096, -7.7176

Protanopia

208.2950, 12.6726, -4.6437

Deuteranopia

209.4640, 13.0822, 3.9781



Tritanopia

207.2360, 8.7577, -8.9770

Trichromacy



Original Color

207.8000, 13.4096, -7.7176

Protanomaly

207.9960, 12.8200, -5.2585

Deuteranomaly

209.1430, 13.2405, -0.1254

Tritanomaly

207.4040, 10.6468, -8.2473

Monochromacy



Original Color

207.8000, 13.4096, -7.7176

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

208.2430, 4.8102, -2.8441

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.8000, 13.4096, -7.7176 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(199, 207, 235)` looks like.

```
.text, #text, p{  
    color:rgb(199, 207, 235)  
}
```

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(199, 207, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 207, 235) }
```

Border

The CSS property to change the border of an element to YUV 207.8000, 13.4096, -7.7176 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(199, 207, 235) }
```


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

```
.border{ border-color:rgb(199, 207, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 207, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 207, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 207, 235);  
box-shadow:4px 4px 4px 4px rgb(199, 207,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 207.8000, 13.4096, -7.7176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 207, 235) }
```

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

```
.background{ background-color: rgb(199,  
207, 235) }
```

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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