

Converting Colors

YUV(204.9140, 13.8464,
-7.8176)

Have a look what the booklet for
YUV(204.9140, 13.8464, -7.8176)
contains.

YUV(204.9140, 13.8464, -7.8176)	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(204.9140, 13.8464,
-7.8176)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CCE9
RGB	196, 204, 233
RGB Percent	77%, 80%, 91%
CMY	0.2314, 0.2000, 0.0863
CMYK	0.16, 0.12, 0.00, 0.09
HSL	227°, 46%, 84%
HSV	227°, 16%, 91%
XYZ	59.0658, 60.8047, 85.7142
YIQ	204.9140, -14.0770, 7.3230

Conversions

Conversions Part 2

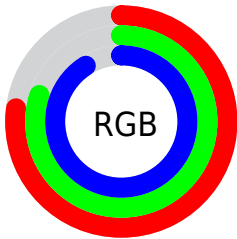
Format	Color
R _Y B	196, 203, 233
Decimal	12897513
CIE Lab	82.27, 3.09, -15.23
CIE LCh	82, 15.541, 281.457
Yxy	60.8047, 0.2873, 0.2958
Android (android.graphics.Color)	4291087593 (0xFFC4CCE9)
YUV	204.9140, 13.8464, -7.8176
Hunter-Lab	77.9774, -1.2513, -10.5885

Details

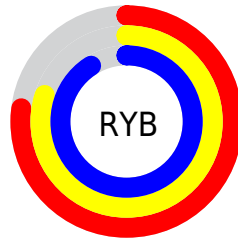
The YUV color $204.9140, 13.8464, -7.8176$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $224.0860, -13.8464, 7.8176$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $150.6860, 12.9728, -7.6176$ is the 20% darker color. If you saturate the color by 10%, you get $187.4710, 22.4458, -12.6911$, and if you desaturate by 10%, it is $222.3570, 5.2470, -2.9441$.

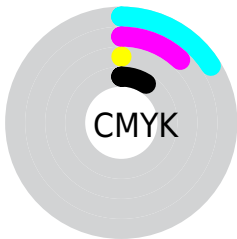
Distribution



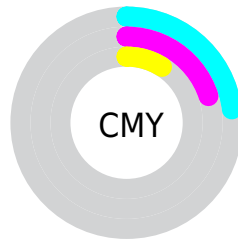
- Red (77%)
- Green (80%)
- Blue (91%)



- Red (77%)
- Yellow (80%)
- Blue (91%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.9140, 13.8464, -7.8176 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 204.9140, 13.8464, -7.8176 by changing the saturation by 10% instead.

■ 204.9140, 13.8464,
-7.8176

■ 204.9140, 13.8464,
-7.8176

255.0000, 0.0000,
0.0000

■ 177.8000, 13.4096,
-7.7176

254.4020, 0.2948,
-1.2296

■ 150.6860, 12.9728,
-7.6176

■ 124.6860, 12.9728,
-7.6176

■ 99.5720, 12.5360,
-7.5176

■ 75.4580, 12.0992,
-7.4177

■ 52.9310, 11.3730,
-7.8325

■ 31.4040, 10.6468,

-8.2473

■ 7.7570, 11.9518,
-6.8029

■ 0.5700, 2.1840,
-0.4999

■ 204.9140, 13.8464,
-7.8176

■ 204.9140, 13.8464,
-7.8176

■ 187.4710, 22.4458,
-12.6911

■ 222.3570, 5.2470,
-2.9441

■ 169.1420, 31.4820,
-17.6645

■ 240.6860, -3.7892,
2.0294

■ 151.6990, 40.0814,
-22.5380

■ 252.4920, -9.6096,
2.1995

■ 134.2560, 48.6808,
-27.4115

■ 116.8130, 57.2802,
-32.2850

■ 98.4840, 66.3164,
-37.2585

■ 81.0410, 74.9158,
-42.1320

■ 63.5980, 83.5152,
-47.0054

■ 55.9120, 87.3044,
-49.0348

Harmonies

Analogous

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



202.6520, 14.4686, -20.7428



204.9140, 13.8464, -7.8176



206.6770, 10.0192, 6.4223

Triad

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



204.9140, 13.8464, -7.8176



206.8090, -10.2588, 23.8465



200.4830, -2.7031, -19.7176

Complementary

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



204.9140, 13.8464, -7.8176



224.0860, -13.8464, 7.8176

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.



202.1380, -9.4350, -7.1370



204.9140, 13.8464, -7.8176



205.4400, -14.0209, 17.1541

Square

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



204.9140, 13.8464, -7.8176



207.7150, -4.2965, 24.8059



203.4880, -13.5516, 6.5880



199.5020, 5.1755, -26.7503

Rectangle

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



204.9140, 13.8464, -7.8176



207.8800, 5.4822, 15.0142



203.4880, -13.5516, 6.5880



200.8210, -5.3348, -15.6290

Sweetspot

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



204.9140, 13.8464, -7.8176



245.2430, 4.8102, -2.8441



221.0250, 1.9597, -21.9469



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.



204.9140, 13.8464, -7.8176



218.3420, 18.0724, -9.9469



203.2080, 14.6875, 2.4486



108.4280, 4.2260, -2.1294



43.5270, 67.7742, -38.1732



13.2000, 20.1144, -11.5764

Inverse Universe

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



207.9750, -1.9597, 21.9469



222.4920, -2.7076, 28.5095



225.7920, -14.6875, -2.4486



109.5170, -0.7479, 6.5626



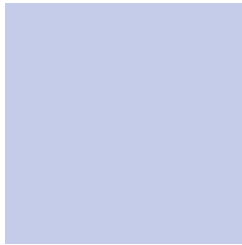
58.5650, -9.6455, 107.3755



17.5140, -2.7184, 31.9982

Previews

White Background



This preview shows how the YUV color 204.9140, 13.8464, -7.8176 looks on a white background.

Color Contrast Check

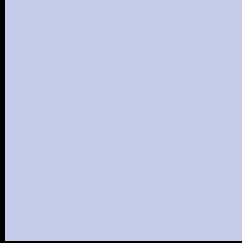
Large Text (above 18pt) WCAG AA × Fail

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 204.9140, 13.8464, -7.8176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

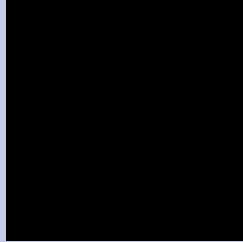
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.9140, 13.8464, -7.8176

Background



This preview shows how black text looks on a background with the YUV color 204.9140, 13.8464, -7.8176.



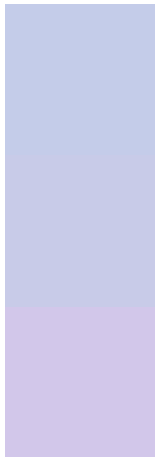
This preview shows how white text looks on a background with the YUV color 204.9140, 13.8464, -7.8176.

-7.8176.

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

204.9140, 13.8464, -7.8176

Protanopia

205.4090, 13.1094, -4.7437

Deuteranopia

206.2790, 13.6665, 3.2633



Tritanopia

204.2360, 8.7577, -8.9770

Trichromacy



Original Color

204.9140, 13.8464, -7.8176

Protanomaly

205.1100, 13.2568, -5.3585

Deuteranomaly

205.9580, 13.8247, -0.8402

Tritanomaly

204.4040, 10.6468, -8.2473

Monochromacy



Original Color

204.9140, 13.8464, -7.8176

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.2430, 4.8102, -2.8441

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.9140, 13.8464, -7.8176 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(196, 204, 233)` looks like.

```
.text, #text, p{  
    color:rgb(196, 204, 233)  
}
```

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(196, 204, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 204, 233) }
```

Border

The CSS property to change the border of an element to YUV 204.9140, 13.8464, -7.8176 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(196, 204, 233) }
```


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

```
.border{ border-color:rgb(196, 204, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 204, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 204, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 204, 233);  
box-shadow:4px 4px 4px 4px rgb(196, 204,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 204.9140, 13.8464, -7.8176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 204, 233) }
```

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

```
.background{ background-color: rgb(196,  
204, 233) }
```

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