

Converting Colors

YUV(214.0930, 19.1812, 7.8114)

Have a look what the booklet for
YUV(214.0930, 19.1812, 7.8114)
contains.

YUV(214.0930, 19.1812, 7.8114)	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(214.0930, 19.1812,
7.8114)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCAFD
RGB	223, 202, 253
RGB Percent	87%, 79%, 99%
CMY	0.1255, 0.2078, 0.0078
CMYK	0.12, 0.20, 0.00, 0.01
HSL	265°, 93%, 89%
HSV	265°, 20%, 99%
XYZ	69.2816, 65.0209, 101.8273
YIQ	214.0930, -3.8550, 20.3130

Conversions

Conversions Part 2

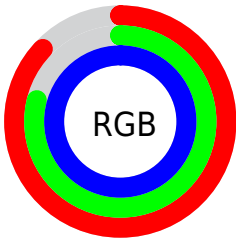
Format	Color
R _Y B	223, 202, 253
Decimal	14666493
CIE Lab	84.49, 16.82, -22.32
CIE LCh	84, 27.944, 307.001
Yxy	65.0209, 0.2934, 0.2754
Android (android.graphics.Color)	4292856573 (0xFFDFCAFD)
YUV	214.0930, 19.1812, 7.8114
Hunter-Lab	80.6355, 12.2540, -18.4271

Details

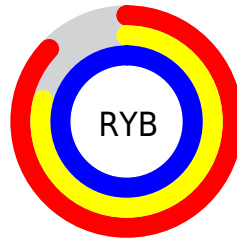
The YUV color **214.0930, 19.1812, 7.8114** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **240.9070, -19.1812, -7.8114**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **159.1530, 18.1656, 6.8818** is the 20% darker color. If you saturate the color by 10%, you get **194.9330, 28.6270, 11.4598**, and if you desaturate by 10%, it is **233.2530, 9.7353, 4.1631**.

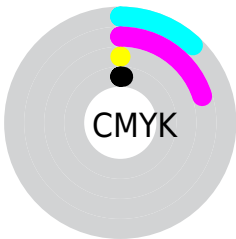
Distribution



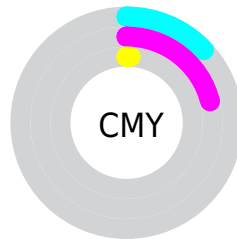
- Red (87%)
- Green (79%)
- Blue (99%)



- Red (87%)
- Yellow (79%)
- Blue (99%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (1%)



- Cyan (13%)
- Magenta (21%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.0930, 19.1812, 7.8114 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 214.0930, 19.1812, 7.8114 by changing the saturation by 10% instead.

■ 214.0930, 19.1812,
7.8114

■ 214.0930, 19.1812,
7.8114

255.0000, 0.0000,
0.0000

■ 186.5660, 18.4550,
7.3966

■ 159.1530, 18.1656,
6.8818

■ 133.0390, 17.7288,
6.9818

■ 107.5120, 17.0026,
6.5670

■ 83.0990, 16.7132,
6.0522

■ 60.1590, 15.6976,
5.1226

■ 37.6320, 14.9714,

4.7077

■ 15.3440, 15.1134,
5.8373

■ 3.4370, 10.6306,
-3.0142

■ 214.0930, 19.1812,
7.8114

■ 214.0930, 19.1812,
7.8114

■ 194.9330, 28.6270,
11.4598

■ 233.2530, 9.7353,
4.1631

■ 175.1860, 38.3623,
15.6229

■ 253.0000, 0.0000,
0.0000

■ 156.0260, 47.8082,
19.2712

■ 254.7720, -0.8736,
0.2000

■ 136.8660, 57.2541,
22.9195

■ 117.4180, 66.8419,
27.6974

■ 98.2580, 76.2878,
31.3457

■ 79.0980, 85.7337,
34.9941

■ 59.9380, 95.1796,
38.6424

Harmonies

Analogous

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



208.8400, 22.7569, -19.1537



214.0930, 19.1812, 7.8114



215.6630, 8.0541, 30.1135

Triad

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



214.0930, 19.1812, 7.8114



211.3080, -23.8158, 32.1789



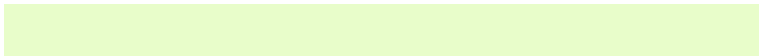
199.4450, 8.1616, -51.2563

Complementary

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



214.0930, 19.1812, 7.8114



240.9070, -19.1812, -7.8114

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.



202.3690, -6.5909, -32.7726



214.0930, 19.1812, 7.8114



208.9590, -24.6298, 13.1910

Square

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



214.0930, 19.1812, 7.8114



211.2300, -15.3964, 38.3863



206.0100, -18.7389, -9.6558



199.4410, 20.9816, -56.5148

Rectangle

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



214.0930, 19.1812, 7.8114



213.4590, 0.7597, 36.4315



206.0100, -18.7389, -9.6558



200.5120, 3.1986, -46.0530

Sweetspot

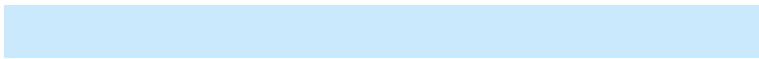
The Sweet Spot groups the original color and five complimentary colors.



214.0930, 19.1812, 7.8114



243.5040, 5.6675, 2.1890



226.0110, 13.3056, -21.0576



120.9230, 3.4890, 0.9445



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.



214.0930, 19.1812, 7.8114



208.4290, 22.9595, 9.2708



221.5680, 15.4960, 23.1809



117.9770, 4.9413, 1.7742



45.3950, 71.7833, 29.4716



15.0700, 24.1225, 9.5856

Inverse Universe

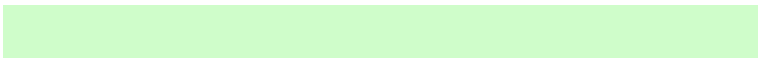
The Inverse Universe completely reimagines the original color for something new.



220.6690, 5.5862, 28.3543



216.3430, 6.7329, 33.9022



233.4320, -15.4960, -23.1809



119.6850, 1.1413, 7.2923



69.8770, 20.7666, 106.2249



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 214.0930, 19.1812, 7.8114 looks on a white background.

Color Contrast Check

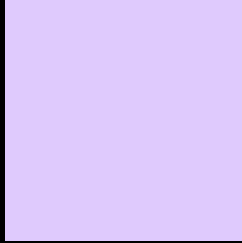
Large Text (above 18pt) WCAG AA × Fail

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 214.0930, 19.1812, 7.8114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

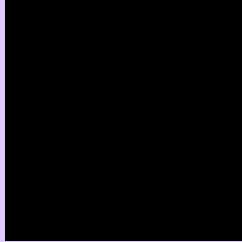
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.0930, 19.1812, 7.8114

Background



This preview shows how black text looks on a background with the YUV color 214.0930, 19.1812, 7.8114.



This preview shows how white text looks on a background with the YUV color 214.0930, 19.1812, 7.8114.

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

214.0930, 19.1812, 7.8114

Protanopia

211.8520, 21.2720, -9.5172

Deuteranopia

212.7390, 19.3557, -1.5251



Tritanopia

212.2270, 5.8041, 5.0629

Trichromacy



Original Color

214.0930, 19.1812, 7.8114

Protanomaly

212.3690, 20.5241, -2.9546

Deuteranomaly

213.3480, 19.0554, 1.4488

Tritanomaly

212.9050, 10.8928, 6.2223

Monochromacy



Original Color

214.0930, 19.1812, 7.8114

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.1450, 6.8305, 2.5038

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.0930, 19.1812, 7.8114 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(223, 202, 253)` looks like.

```
.text, #text, p{  
    color:rgb(223, 202, 253)  
}
```

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(223, 202, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 202, 253) }
```

Border

The CSS property to change the border of an element to YUV 214.0930, 19.1812, 7.8114 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(223, 202, 253) }
```


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

```
.border{ border-color:rgb(223, 202, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 202, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 202, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 202, 253);  
box-shadow:4px 4px 4px 4px rgb(223, 202,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 214.0930, 19.1812, 7.8114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 202, 253) }
```

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

```
.background{ background-color: rgb(223,  
202, 253) }
```

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