

Converting Colors

YUV(214.2020, 13.7044,
-8.9472)

Have a look what the booklet for
YUV(214.2020, 13.7044, -8.9472)
contains.

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Color

**YUV(214.2020, 13.7044,
-8.9472)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD6F2
RGB	204, 214, 242
RGB Percent	80%, 84%, 95%
CMY	0.2000, 0.1608, 0.0510
CMYK	0.16, 0.12, 0.00, 0.05
HSL	224°, 59%, 87%
HSV	224°, 16%, 95%
XYZ	64.9754, 67.3413, 93.5780
YIQ	214.2020, -14.9480, 6.5880

Conversions

Conversions Part 2

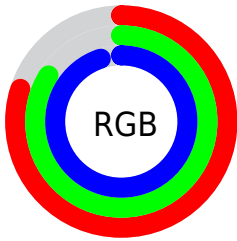
Format	Color
RYB	204, 212, 242
Decimal	13424370
CIELab	85.68, 2.20, -14.85
CIElCh	86, 15.011, 278.434
Yxy	67.3413, 0.2876, 0.2981
Android (android.graphics.Color)	4291614450 (0xFFCCD6F2)
YUV	214.2020, 13.7044, -8.9472
Hunter-Lab	82.0618, -2.2741, -10.1673

Details

The YUV color $214.2020, 13.7044, -8.9472$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $231.7980, -13.7044, 8.9472$, 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 $159.3870, 13.1202, -8.2324$ is the 20% darker color. If you saturate the color by 10%, you get $196.4600, 22.4512, -14.4354$, and if you desaturate by 10%, it is $231.9440, 4.9576, -3.4589$.

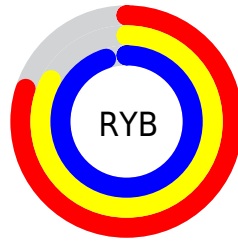
Distribution



Red (80%)

Green (84%)

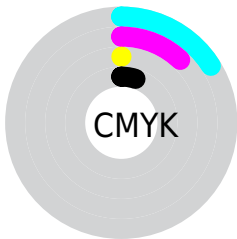
Blue (95%)



Red (80%)

Yellow (83%)

Blue (95%)

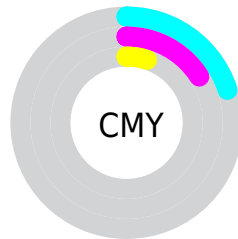


Cyan (16%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (20%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.2020, 13.7044, -8.9472 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 214.2020, 13.7044, -8.9472 by changing the saturation by 10% instead.

■ 214.2020, 13.7044,
-8.9472

■ 214.2020, 13.7044,
-8.9472

255.0000, 0.0000,
0.0000

■ 186.2020, 13.7044,
-8.9472

■ 159.3870, 13.1202,
-8.2324

■ 132.9740, 12.8308,
-8.7472

■ 107.8600, 12.3940,
-8.6472

■ 83.6320, 11.5204,
-8.4473

■ 60.5180, 11.0836,
-8.3473

■ 38.1050, 10.7942,

-8.8621

■ 17.2790, 10.2155,
-9.8917

■ 2.5250, 7.1362,
-2.2144

■ 214.2020, 13.7044,
-8.9472

■ 214.2020, 13.7044,
-8.9472

■ 196.4600, 22.4512,
-14.4354

■ 231.9440, 4.9576,
-3.4589

■ 178.7180, 31.1980,
-19.9237

■ 249.6860, -3.7892,
2.0294

■ 161.2640, 39.8028,
-26.5415

■ 253.5180, -5.6784,
1.2997

■ 143.5220, 48.5497,
-32.0298

■ 125.7800, 57.2965,
-37.5181

■ 108.0380, 66.0433,
-43.0063

■ 90.2960, 74.7901,
-48.4946

■ 72.2550, 83.6843,
-54.5976

■ 65.1560, 87.1841,
-57.1418

Harmonies

Analogous

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



211.5380, 14.0318, -20.6428



214.2020, 13.7044, -8.9472



215.9650, 9.8773, 5.2927

Triad

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



214.2020, 13.7044, -8.9472



216.0370, -9.3852, 23.6466



210.2660, -3.5821, -17.7733

Complementary

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



214.2020, 13.7044, -8.9472



231.7980, -13.7044, 8.9472

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.



211.7360, -9.7298, -5.9075



214.2020, 13.7044, -8.9472



214.9670, -13.2947, 17.5689

Square

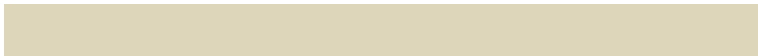
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.2020, 13.7044, -8.9472



216.7580, -2.8387, 23.8912



213.2000, -13.4096, 7.7176



209.5730, 4.1545, -25.9355

Rectangle

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



214.2020, 13.7044, -8.9472



216.9830, 5.9244, 13.1699



213.2000, -13.4096, 7.7176



210.7180, -5.7770, -13.7847

Sweetspot

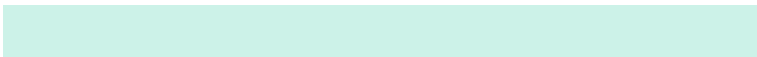
The Sweet Spot groups the original color and five complimentary colors.



214.2020, 13.7044, -8.9472



245.8300, 4.5208, -3.3589



229.4980, 1.2335, -22.3617



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.



214.2020, 13.7044, -8.9472



219.5160, 17.4936, -10.9765



211.0230, 15.2717, 1.7338



111.1290, 4.3734, -2.7441



49.1520, 66.4801, -43.1063



15.1890, 20.1198, -13.3208

Inverse Universe

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



216.5020, -1.2335, 22.3617



222.7200, -1.8340, 28.3096



234.9770, -15.2717, -1.7338



111.9300, -0.4585, 7.0774



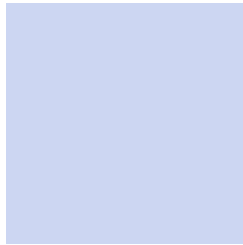
60.4880, -6.1566, 108.3200



18.4540, -1.7028, 32.9278

Previews

White Background



This preview shows how the YUV color 214.2020, 13.7044, -8.9472 looks on a white background.

Color Contrast Check

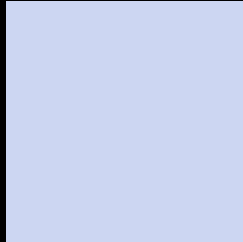
Large Text (above 18pt) WCAG AA × Fail

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 214.2020, 13.7044, -8.9472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

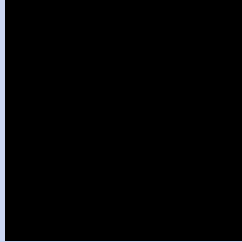
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.2020, 13.7044, -8.9472

Background



This preview shows how black text looks on a background with the YUV color 214.2020, 13.7044, -8.9472.



This preview shows how white text looks on a background with the YUV color 214.2020, 13.7044, -8.9472.

-8.9472.

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

214.2020, 13.7044, -8.9472

Protanopia

214.7080, 12.9620, -4.1289

Deuteranopia

215.8770, 13.3716, 4.4929



Tritanopia

213.7520, 9.4893, -10.3065

Trichromacy



Original Color

214.2020, 13.7044, -8.9472

Protanomaly

214.6970, 12.9674, -5.8733

Deuteranomaly

215.2570, 13.6773, -0.2254

Tritanomaly

213.8060, 10.9416, -9.4769

Monochromacy



Original Color

214.2020, 13.7044, -8.9472

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.9440, 4.9576, -3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.2020, 13.7044, -8.9472 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(204, 214, 242)` looks like.

```
.text, #text, p{  
    color:rgb(204, 214, 242)  
}
```

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(204, 214, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 214, 242) }
```

Border

The CSS property to change the border of an element to YUV 214.2020, 13.7044, -8.9472 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(204, 214, 242) }
```


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

```
.border{ border-color:rgb(204, 214, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 214, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 214, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 214, 242);  
box-shadow:4px 4px 4px 4px rgb(204, 214,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 214.2020, 13.7044, -8.9472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 214, 242) }
```

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

```
.background{ background-color: rgb(204,  
214, 242) }
```

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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