

Converting Colors

YUV(212.3400, 21.0314,
-25.7312)

Have a look what the booklet for
YUV(212.3400, 21.0314, -25.7312)
contains.

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Color

**YUV(212.3400, 21.0314,
-25.7312)**

Conversions

Conversions Part 1

Format	Color
Hex	B7DBFF
RGB	183, 219, 255
RGB Percent	72%, 86%, 100%
CMY	0.2824, 0.1412, 0.0000
CMYK	0.28, 0.14, 0.00, 0.00
HSL	210°, 100%, 86%
HSV	210°, 28%, 100%
XYZ	62.9100, 67.9503, 104.4078
YIQ	212.3400, -33.0120, 3.5640

Conversions

Conversions Part 2

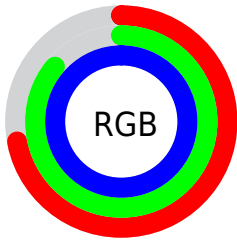
Format	Color
R _Y B	183, 207, 255
Decimal	12049407
CIE Lab	85.98, -3.83, -21.39
CIE LCh	86, 21.732, 259.841
Yxy	67.9503, 0.2674, 0.2888
Android (android.graphics.Color)	4290239487 (0xFFB7DBFF)
YUV	212.3400, 21.0314, -25.7312
Hunter-Lab	82.4320, -8.0294, -17.3939

Details

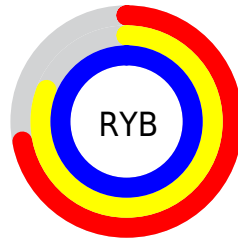
The YUV color `212.3400, 21.0314, -25.7312` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `225.6600, -21.0314, 25.7312`, and the grayscale version is `212.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `250.5150, 2.2111, -9.2217`, and `157.1120, 20.1578, -25.5312` is the 20% darker color. If you saturate the color by 10%, you get `197.2340, 28.4786, -34.4082`, and if you desaturate by 10%, it is `227.7450, 13.4367, -16.4394`.

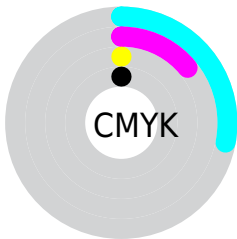
Distribution



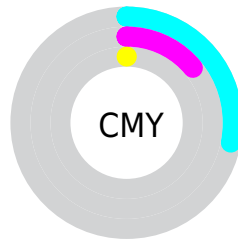
- Red (72%)
- Green (86%)
- Blue (100%)



- Red (72%)
- Yellow (81%)
- Blue (100%)



- Cyan (28%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.3400, 21.0314, -25.7312 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 212.3400, 21.0314, -25.7312 by changing the saturation by 10% instead.

■ 212.3400, 21.0314,
-25.7312

■ 212.3400, 21.0314,
-25.7312

255.0000, 0.0000,
0.0000

■ 184.2260, 20.5946,
-25.6312

■ 250.5150, 2.2111,
-9.2217

■ 157.1120, 20.1578,
-25.5312

■ 130.9980, 19.7210,
-25.4312

■ 104.8840, 19.2842,
-25.3313

■ 80.1720, 19.1422,
-26.4608

■ 55.4490, 19.0056,
-29.3348

■ 33.2210, 18.1320,

-29.1348

■ 18.8590, 13.8735,
-16.5393

■ 3.6650, 11.5042,
-3.2142

■ 212.3400, 21.0314,
-25.7312

■ 212.3400, 21.0314,
-25.7312

■ 197.2340, 28.4786,
-34.4082

■ 227.7450, 13.4367,
-16.4394

■ 182.4160, 35.7839,
-44.2148

■ 242.8510, 5.9895,
-7.7623

■ 167.0110, 43.3786,
-53.5066

255.0000, 0.0000,
0.0000

■ 151.9050, 50.8258,
-62.1837

■ 136.7990, 58.2731,
-70.8607

■ 121.9810, 65.5784,
-80.6673

■ 106.8750, 73.0256,
-89.3444

■ 104.2060, 74.3414,
-91.3887

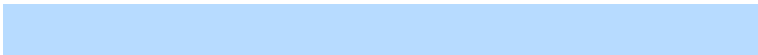
Harmonies

Analogous

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



208.5680, 18.4540, -39.0861



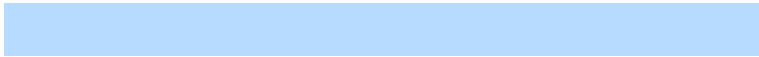
212.3400, 21.0314, -25.7312



216.1900, 18.6403, -5.4286

Triad

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



212.3400, 21.0314, -25.7312



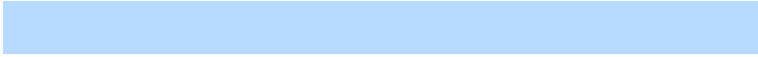
217.2600, -7.5232, 33.0980



210.0400, -10.8657, -14.9441

Complementary

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



212.3400, 21.0314, -25.7312



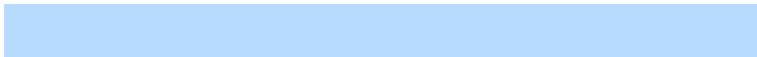
225.6600, -21.0314, 25.7312

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.



212.6140, -18.0507, 2.9695



212.3400, 21.0314, -25.7312



216.9580, -16.2483, 31.6088

Square

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



212.3400, 21.0314, -25.7312



218.7570, 2.0918, 29.1541



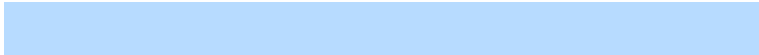
214.9690, -19.7047, 20.1982



208.2750, -0.6286, -31.8132

Rectangle

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



212.3400, 21.0314, -25.7312



218.1270, 14.2344, 7.7816



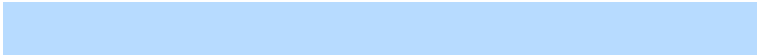
214.9690, -19.7047, 20.1982



211.2750, -13.9396, -9.0112

Sweetspot

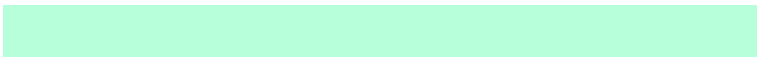
The Sweet Spot groups the original color and five complimentary colors.



212.3400, 21.0314, -25.7312



243.1500, 5.8421, -7.1475



229.3680, -5.1114, -40.6647



120.0040, 3.9420, -4.3885



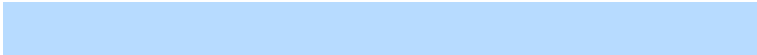
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



212.3400, 21.0314, -25.7312



203.7460, 25.2682, -31.3492



191.2080, 31.4495, -7.1984



120.0040, 3.9420, -4.3885



78.1260, 55.6469, -68.5165



26.0800, 18.6946, -22.8722

Inverse Universe

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



208.6320, 5.1114, 40.6647



199.0290, 6.3947, 49.0866



246.7920, -31.4495, 7.1984



119.5710, 0.7045, 7.3922



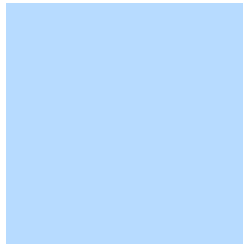
68.0530, 13.7779, 107.8245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 212.3400, 21.0314, -25.7312 looks on a white background.

Color Contrast Check

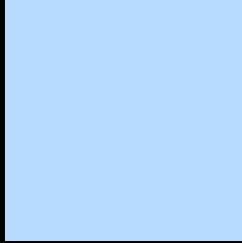
Large Text (above 18pt) WCAG AA × Fail

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 212.3400, 21.0314, -25.7312 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 212.3400, 21.0314, -25.7312 Background



This preview shows how black text looks on a background with the YUV color 212.3400, 21.0314, -25.7312.



This preview shows how white text looks on a background with the YUV color 212.3400, 21.0314, -25.7312.

-25.7312.

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

212.3400, 21.0314, -25.7312

Protanopia

215.5380, 17.4828, -7.4878

Deuteranopia

216.6250, 18.9189, -1.4251



Tritanopia

211.3800, 13.6167, -27.5203

Trichromacy



Original Color

212.3400, 21.0314, -25.7312

Protanomaly

214.1350, 18.6674, -14.1504

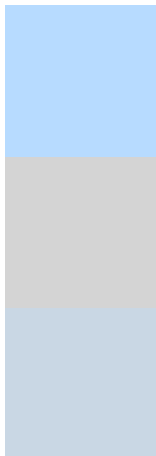
Deuteranomaly

214.7980, 19.8196, -10.3468

Tritanomaly

211.7760, 16.3794, -26.9906

Monochromacy



Original Color

212.3400, 21.0314, -25.7312

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.2960, 7.7421, -9.9066

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.3400, 21.0314, -25.7312 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(183, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 219, 255)  
}
```

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(183, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 219, 255) }
```

Border

The CSS property to change the border of an element to YUV 212.3400, 21.0314, -25.7312 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(183, 219, 255) }
```


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

```
.border{ border-color:rgb(183, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 219,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 212.3400, 21.0314, -25.7312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 219, 255) }
```

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

```
.background{ background-color: rgb(183,  
219, 255) }
```

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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