

Converting Colors

YUV(212.1420, -8.9440,
-24.6805)

Have a look what the booklet for
YUV(212.1420, -8.9440, -24.6805)
contains.

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Color

**YUV(212.1420, -8.9440,
-24.6805)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E6C2
RGB	184, 230, 194
RGB Percent	72%, 90%, 76%
CMY	0.2784, 0.0980, 0.2392
CMYK	0.20, 0.00, 0.16, 0.10
HSL	133°, 48%, 81%
HSV	133°, 20%, 90%
XYZ	57.8016, 70.6790, 61.6349
YIQ	212.1420, -15.8600, -20.9480

Conversions

Conversions Part 2

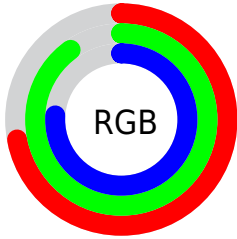
Format	Color
RYB	184, 222, 230
Decimal	12117698
CIELab	87.33, -21.77, 12.71
CIElCh	87, 25.207, 149.723
Yxy	70.6790, 0.3040, 0.3718
Android (android.graphics.Color)	4290307778 (0xFFB8E6C2)
YUV	212.1420, -8.9440, -24.6805
Hunter-Lab	84.0708, -24.3990, 15.3823

Details

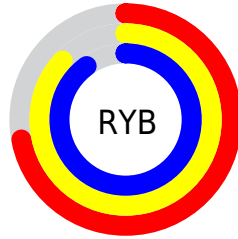
The YUV color **212.1420, -8.9440, -24.6805** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **201.8580, 8.9440, 24.6805**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.3580, 0.3165, -8.2070**, and **156.9680, -8.3652, -23.6509** is the 20% darker color. If you saturate the color by 10%, you get **203.2130, -13.4160, -37.0208**, and if you desaturate by 10%, it is **221.0710, -4.4720, -12.3403**.

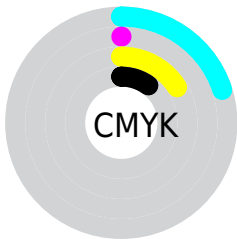
Distribution



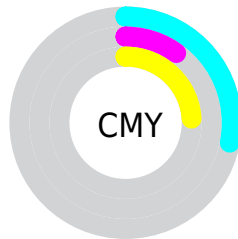
- Red (72%)
- Green (90%)
- Blue (76%)



- Red (72%)
- Yellow (87%)
- Blue (90%)



- Cyan (20%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)




- Cyan (28%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.1420, -8.9440, -24.6805 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 212.1420, -8.9440, -24.6805 by changing the saturation by 10% instead.


 212.1420, -8.9440,
-24.6805

 212.1420, -8.9440,
-24.6805

255.0000, 0.0000,
0.0000


 184.5550, -8.6546,
-24.1657

 250.3580, 0.3165,
-8.2070

 156.9680, -8.3652,
-23.6509

 131.3810, -8.0758,
-23.1361

 105.7940, -7.7864,
-22.6213

 81.3210, -7.0603,
-22.2065

 57.4350, -6.6235,
-22.3065

 34.0650, -5.4550,

-23.7360

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 212.1420, -8.9440,
-24.6805

■ 212.1420, -8.9440,
-24.6805

■ 203.2130,
-13.4160, -37.0208

■ 221.0710, -4.4720,
-12.3403

■ 194.2840,
-17.8880, -49.3611

■ 230.0000, 0.0000,
0.0000

■ 185.3550,
-22.3600, -61.7013

■ 238.9290, 4.4720,
12.3403

■ 176.4260,
-26.8320, -74.0416

■ 240.3250, 7.2348,
12.8700

■ 167.4970,
-31.3040, -86.3819

■ 158.5680,
-35.7760, -98.7221

■ 149.6390,
-40.2480, -111.0624

■ 140.7100,
-44.7200, -123.4027

Harmonies

Analogous

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



215.3420, -18.9026, -3.8079



212.1420, -8.9440, -24.6805



209.7620, 4.0613, -42.7643

Triad

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



212.1420, -8.9440, -24.6805



215.9060, 19.2733, -21.8426



217.7500, -10.7227, 32.6683

Complementary

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



212.1420, -8.9440, -24.6805



201.8580, 8.9440, 24.6805

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.



219.8990, 0.0498, 30.7836



212.1420, -8.9440, -24.6805



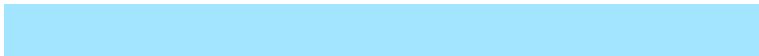
220.7780, 16.8714, 1.9487

Square

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



212.1420, -8.9440, -24.6805



211.6430, 21.3750, -42.6599



223.3740, 9.6756, 23.3510



219.2200, -20.3215, 31.3791

Rectangle

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



212.1420, -8.9440, -24.6805



208.6070, 12.5187, -48.7673



223.3740, 9.6756, 23.3510



218.0750, -6.9390, 32.3832

Sweetspot

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



212.1420, -8.9440, -24.6805



249.1470, -3.0305, -8.0219



221.7660, -18.6186, -1.5488



124.5110, -1.7309, -4.8331



0.0000, 0.0000, 0.0000



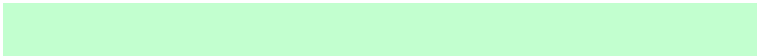
128.0000, 0.0000, 0.0000

Same Dimension

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



212.1420, -8.9440, -24.6805



231.2890, -11.9745, -32.7025



214.7640, 1.1023, -26.9800



110.3860, -2.1623, -6.4775



109.5190, -34.7659, -96.0482



31.1910, -9.9542, -27.3545

Inverse Universe

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



201.8580, 8.9440, 24.6805



217.7110, 11.9745, 32.7025



199.2360, -1.1023, 26.9800



107.6140, 2.1623, 6.4775



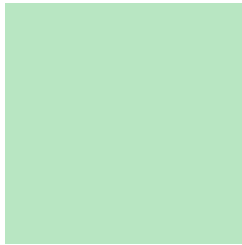
69.4810, 34.7659, 96.0482



19.8090, 9.9542, 27.3545

Previews

White Background



This preview shows how the YUV color 212.1420, -8.9440, -24.6805 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 212.1420, -8.9440, -24.6805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

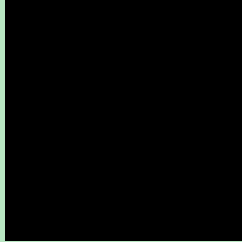
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

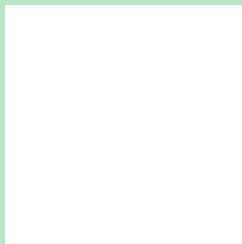
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 212.1420, -8.9440, -24.6805

Background



This preview shows how black text looks on a background with the YUV color 212.1420, -8.9440, -24.6805.



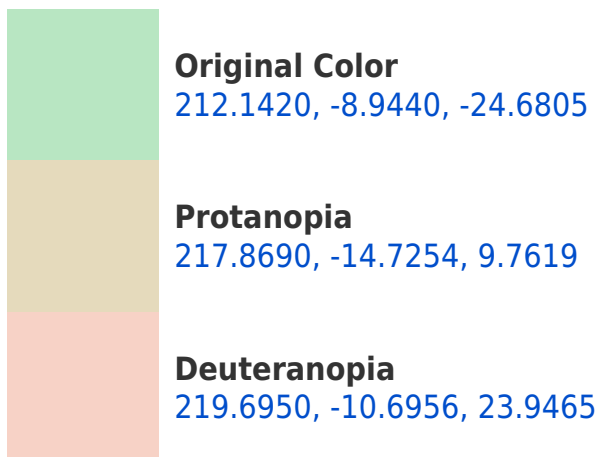
This preview shows how white text looks on a background with the YUV color 212.1420, -8.9440,

-24.6805.

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





Tritanopia

215.7830, 12.4320, -20.8577

Trichromacy



Original Color

212.1420, -8.9440, -24.6805

Protanomaly

215.6610, -12.6509, -2.3337

Deuteranomaly

216.8130, -9.7678, 6.3030

Tritanomaly

214.7090, 4.5805, -22.5468

Monochromacy



Original Color

212.1420, -8.9440, -24.6805

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.3210, -3.6093, -9.0515

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.1420, -8.9440, -24.6805 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(184, 230, 194)` looks like.

```
.text, #text, p{  
    color:rgb(184, 230, 194)  
}
```

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(184, 230, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 230, 194) }
```

Border

The CSS property to change the border of an element to YUV 212.1420, -8.9440, -24.6805 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(184, 230, 194) }
```


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

```
.border{ border-color:rgb(184, 230, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 230, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 230, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 230, 194);  
box-shadow:4px 4px 4px 4px rgb(184, 230,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 212.1420, -8.9440, -24.6805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 230, 194) }
```

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

```
.background{ background-color: rgb(184,  
230, 194) }
```

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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