

Converting Colors

YUV(215.8520, -22.6050,
-29.6882)

Have a look what the booklet for
YUV(215.8520, -22.6050, -29.6882)
contains.

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Color

**YUV(215.8520, -22.6050,
-29.6882)**

Conversions

Conversions Part 1

Format	Color
Hex	B6F2AA
RGB	182, 242, 170
RGB Percent	71%, 95%, 67%
CMY	0.2863, 0.0510, 0.3333
CMYK	0.25, 0.00, 0.30, 0.05
HSL	110°, 73%, 81%
HSV	110°, 30%, 95%
XYZ	58.2992, 76.3516, 49.6949
YIQ	215.8520, -12.6480, -35.1120

Conversions

Conversions Part 2

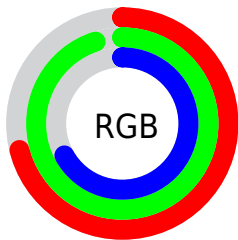
Format	Color
RYB	170, 242, 230
Decimal	11989674
CIELab	90.02, -32.17, 28.81
CIELCh	90, 43.183, 138.149
Yxy	76.3516, 0.3162, 0.4142
Android (android.graphics.Color)	4290179754 (0xFFB6F2AA)
YUV	215.8520, -22.6050, -29.6882
Hunter-Lab	87.3794, -33.8194, 27.4459

Details

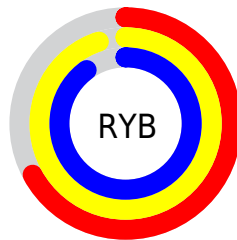
The YUV color **215.8520, -22.6050, -29.6882** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **196.1480, 22.6050, 29.6882**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.9100, -10.3086, -6.9371**, and **160.4930, -21.4420, -29.3734** is the 20% darker color. If you saturate the color by 10%, you get **207.1360, -30.1400, -39.5843**, and if you desaturate by 10%, it is **224.5680, -15.0700, -19.7921**.

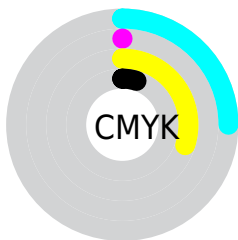
Distribution



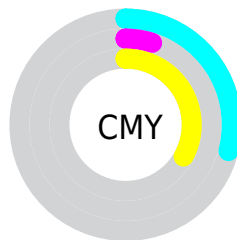
- Red (71%)
- Green (95%)
- Blue (67%)



- Red (67%)
- Yellow (95%)
- Blue (90%)



- Cyan (25%)
- Magenta (0%)
- Yellow (30%)
- Black (5%)



- Cyan (29%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.8520, -22.6050, -29.6882 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 215.8520, -22.6050, -29.6882 by changing the saturation by 10% instead.

■ 215.8520,
-22.6050, -29.6882

■ 215.8520,
-22.6050, -29.6882

255.0000, 0.0000,
0.0000

■ 187.3790,
-21.8788, -29.2734

■ 246.9100,
-10.3086, -6.9371

■ 160.4930,
-21.4420, -29.3734

254.8860, -0.4368,
0.1000

■ 133.4330,
-20.4265, -28.4437

■ 107.6610,
-19.5529, -28.6437

■ 82.1880, -18.8267,
-28.2289

■ 57.5190, -17.5109,
-30.2732

■ 34.0460, -16.7847,

-29.8583

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 215.8520,
-22.6050, -29.6882

■ 215.8520,
-22.6050, -29.6882

■ 207.1360,
-30.1400, -39.5843

■ 224.5680,
-15.0700, -19.7921

■ 198.4200,
-37.6751, -49.4803

■ 233.2840, -7.5350,
-9.8961

■ 189.5900,
-45.6469, -59.2764

■ 242.1140, 0.4368,
-0.1000

■ 180.5750,
-53.0345, -69.7873

■ 247.3690, 3.7621,
6.6924

■ 171.8590,
-60.5695, -79.6833

■ 163.1430,
-68.1045, -89.5794

■ 154.4270,
-75.6395, -99.4755

■ 154.0140,
-75.9289, -99.9903

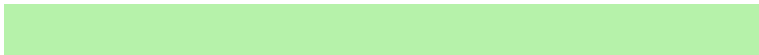
Harmonies

Analogous

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



221.4130, -36.6856, 6.6538



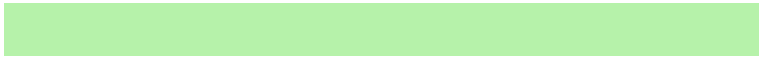
215.8520, -22.6050, -29.6882



208.4570, -0.2253, -67.9298

Triad

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



215.8520, -22.6050, -29.6882



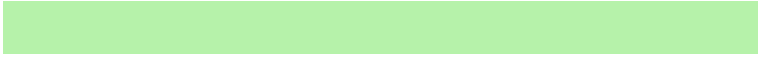
209.4730, 22.4448, -59.1738



214.4390, -5.6394, 35.5720

Complementary

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



215.8520, -22.6050, -29.6882



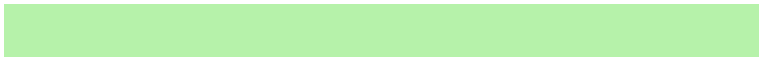
196.1480, 22.6050, 29.6882

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.



219.2270, 12.7061, 31.3729



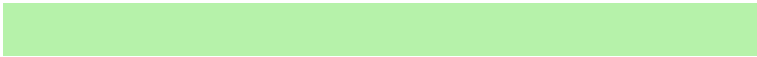
215.8520, -22.6050, -29.6882



221.5760, 16.4780, -11.9062

Square

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



215.8520, -22.6050, -29.6882



197.7020, 28.2479, -100.5937



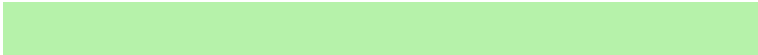
226.8240, 13.8908, 24.7104



215.0310, -23.6793, 35.0528

Rectangle

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



215.8520, -22.6050, -29.6882



202.1840, 17.1643, -92.2464



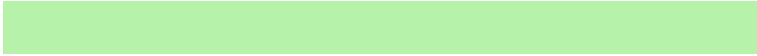
226.8240, 13.8908, 24.7104



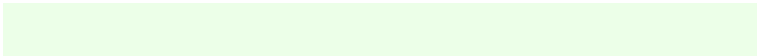
215.4480, 0.7651, 34.6871

Sweetspot

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



215.8520, -22.6050, -29.6882



246.6970, -7.2456, -9.3813



226.7480, -27.9768, 13.3760



122.7020, -4.7831, -5.8777



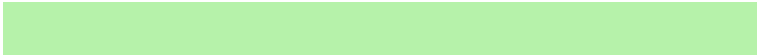
0.0000, 0.0000, 0.0000



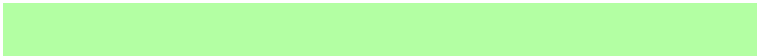
128.0000, 0.0000, 0.0000

Same Dimension

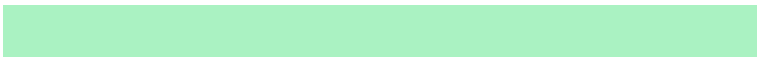
The Same Dimension uses a secret algorithm to generate beautiful new colors.



215.8520, -22.6050, -29.6882



221.7880, -28.9825, -37.5251



215.0000, -10.3530, -39.4650



115.6420, -3.7675, -4.9480



117.2770, -57.8176, -75.6649



35.5630, -17.5326, -23.2958

Inverse Universe

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



196.1480, 22.6050, 29.6882



196.5110, 28.8351, 38.1399



197.0000, 10.3530, 39.4650



112.3580, 3.7675, 4.9480



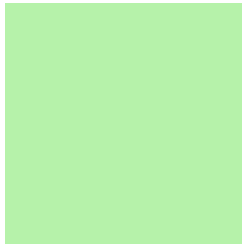
66.7230, 57.8176, 75.6649



20.4370, 17.5326, 23.2958

Previews

White Background



This preview shows how the YUV color 215.8520, -22.6050, -29.6882 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 215.8520, -22.6050, -29.6882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

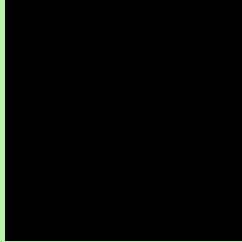
Any Text WCAG AA ✓ Pass

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 215.8520, -22.6050, -29.6882 Background



This preview shows how black text looks on a background with the YUV color 215.8520, -22.6050, -29.6882.



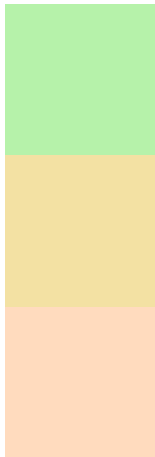
This preview shows how white text looks on a background with the YUV color 215.8520, -22.6050, -29.6882.

-29.6882.

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

215.8520, -22.6050, -29.6882

Protanopia

223.3140, -29.7348, 17.2646

Deuteranopia

226.4580, -17.9738, 25.0313



Tritanopia

223.2880, 13.1690, -23.9316

Trichromacy



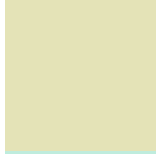
Original Color

215.8520, -22.6050, -29.6882



Protanomaly

220.6000, -26.9178, 0.3508



Deuteranomaly

222.2830, -19.3665, 5.0138



Tritanomaly

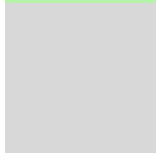
220.8350, 0.0813, -26.1653

Monochromacy



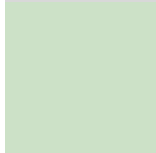
Original Color

215.8520, -22.6050, -29.6882



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

215.7570, -8.2612, -10.3109

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.8520, -22.6050, -29.6882 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(182, 242, 170)` looks like.

```
.text, #text, p{  
    color:rgb(182, 242, 170)  
}
```

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(182, 242, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 242, 170) }
```

Border

The CSS property to change the border of an element to YUV 215.8520, -22.6050, -29.6882 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(182, 242, 170) }
```


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

```
.border{ border-color:rgb(182, 242, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 242, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 242, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 242, 170);  
box-shadow:4px 4px 4px 4px rgb(182, 242,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 215.8520, -22.6050, -29.6882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 242, 170) }
```

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

```
.background{ background-color: rgb(182,  
242, 170) }
```

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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