

Converting Colors

YUV(212.7550, -25.5152,
-29.6031)

Have a look what the booklet for
YUV(212.7550, -25.5152, -29.6031)
contains.

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Color

**YUV(212.7550, -25.5152,
-29.6031)**

Conversions

Conversions Part 1

Format	Color
Hex	B3F0A1
RGB	179, 240, 161
RGB Percent	70%, 94%, 63%
CMY	0.2980, 0.0588, 0.3686
CMYK	0.25, 0.00, 0.33, 0.06
HSL	106°, 72%, 79%
HSV	106°, 33%, 94%
XYZ	56.1835, 74.4771, 45.1325
YIQ	212.7550, -10.9970, -37.5010

Conversions

Conversions Part 2

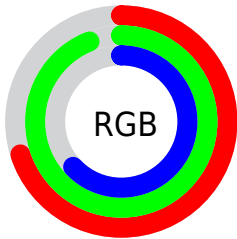
Format	Color
RYB	161, 240, 222
Decimal	11792545
CIELab	89.15, -33.60, 32.17
CIELCh	89, 46.514, 136.246
Yxy	74.4771, 0.3196, 0.4237
Android (android.graphics.Color)	4289982625 (0xFFB3F0A1)
YUV	212.7550, -25.5152, -29.6031
Hunter-Lab	86.3001, -34.8173, 29.4031

Details

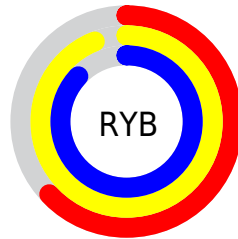
The YUV color **212.7550, -25.5152, -29.6031** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **188.2450, 25.5152, 29.6031**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.8730, -14.2344, -7.7816**, and **157.5100, -23.9154, -29.3883** is the 20% darker color. If you saturate the color by 10%, you get **204.3380, -33.1976, -38.8844**, and if you desaturate by 10%, it is **221.1720, -17.8328, -20.3218**.

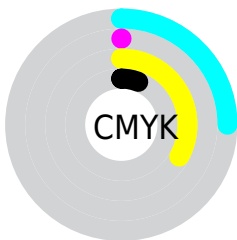
Distribution



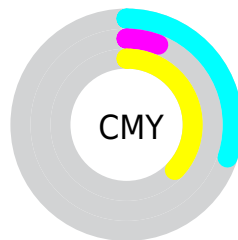
- Red (70%)
- Green (94%)
- Blue (63%)



- Red (63%)
- Yellow (94%)
- Blue (87%)



- Cyan (25%)
- Magenta (0%)
- Yellow (33%)
- Black (6%)



- Cyan (30%)
- Magenta (6%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.7550, -25.5152, -29.6031 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 212.7550, -25.5152, -29.6031 by changing the saturation by 10% instead.

■ 212.7550,
-25.5152, -29.6031

■ 212.7550,
-25.5152, -29.6031

255.0000, 0.0000,
0.0000

■ 184.2820,
-24.7890, -29.1883

■ 244.8730,
-14.2344, -7.7816

■ 157.5100,
-23.9154, -29.3883

■ 253.8600, -4.3680,
0.9998

■ 131.0370,
-23.1892, -28.9734

■ 104.5640,
-22.4631, -28.5586

■ 79.4930, -21.4420,
-29.3734

■ 53.2970, -20.8524,
-31.8325

■ 32.8720, -16.2059,

-28.8287

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 212.7550,
-25.5152, -29.6031

■ 212.7550,
-25.5152, -29.6031

■ 204.3380,
-33.1976, -38.8844

■ 221.1720,
-17.8328, -20.3218

■ 196.2200,
-41.0275, -47.5509

■ 229.2900,
-10.0030, -11.6553

■ 187.8030,
-48.7099, -56.8322

■ 237.7070, -2.3206,
-2.3740

■ 179.6850,
-56.5397, -65.4987

■ 245.5970, 4.6357,
6.4924

■ 171.2680,
-64.2221, -74.7800

■ 246.1950, 4.3409,
7.7220

■ 163.1500,
-72.0519, -83.4465

■ 157.3250,
-77.5612, -89.7390

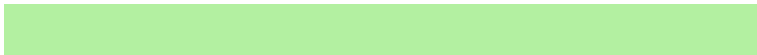
Harmonies

Analogous

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



218.5120, -40.1854, 9.1980



212.7550, -25.5152, -29.6031



203.7940, -1.3774, -71.7333

Triad

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



212.7550, -25.5152, -29.6031



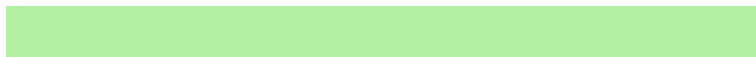
203.2050, 25.5349, -70.3398



210.6890, -4.7767, 38.8607

Complementary

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



212.7550, -25.5152, -29.6031



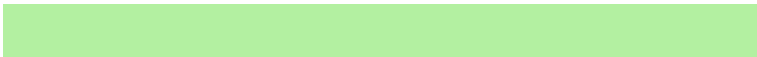
188.2450, 25.5152, 29.6031

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.



216.9930, 14.3005, 33.3321



212.7550, -25.5152, -29.6031



217.7110, 18.3835, -16.4095

Square

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



212.7550, -25.5152, -29.6031



184.2580, 34.8758, -126.5143



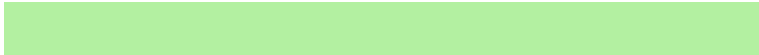
225.0630, 14.7589, 26.2547



211.5260, -24.4163, 38.1267

Rectangle

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



212.7550, -25.5152, -29.6031



195.3460, 18.0704, -102.9124



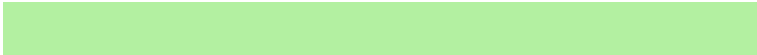
225.0630, 14.7589, 26.2547



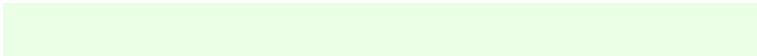
211.8120, 2.0647, 37.8759

Sweetspot

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



212.7550, -25.5152, -29.6031



246.1700, -7.9718, -9.7961



220.4280, -29.2980, 17.1646



122.5880, -5.2199, -5.7777



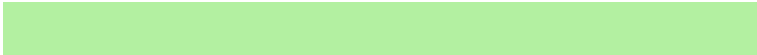
0.0000, 0.0000, 0.0000



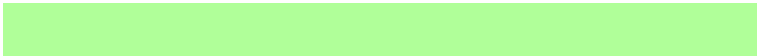
128.0000, 0.0000, 0.0000

Same Dimension

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



212.7550, -25.5152, -29.6031



219.7510, -32.9082, -38.3696



209.7670, -13.6891, -42.7687



115.9410, -3.9149, -4.3333



120.5660, -59.4390, -68.9024



36.7590, -18.1222, -20.8366

Inverse Universe

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



188.2450, 25.5152, 29.6031



188.2490, 32.9082, 38.3696



191.2330, 13.6891, 42.7687



112.0590, 3.9149, 4.3333



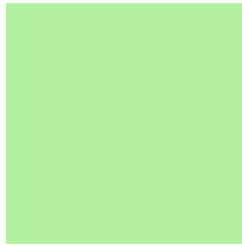
63.4340, 59.4390, 68.9024



19.2410, 18.1222, 20.8366

Previews

White Background



This preview shows how the YUV color 212.7550, -25.5152, -29.6031 looks on a white background.

Color Contrast Check

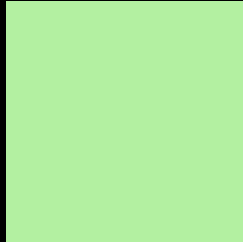
Large Text (above 18pt) WCAG AA × Fail

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 212.7550, -25.5152, -29.6031 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 212.7550, -25.5152, -29.6031 Background



This preview shows how black text looks on a background with the YUV color 212.7550, -25.5152, -29.6031.



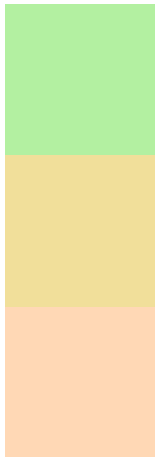
This preview shows how white text looks on a background with the YUV color 212.7550, -25.5152, -29.6031.

-29.6031.

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

212.7550, -25.5152, -29.6031

Protanopia

220.5160, -32.7924, 17.9645

Deuteranopia

223.6710, -21.0368, 27.4755



Tritanopia

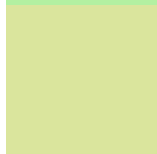
220.2880, 13.1690, -23.9316

Trichromacy



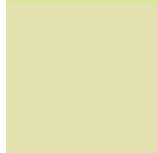
Original Color

212.7550, -25.5152, -29.6031



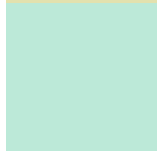
Protanomaly

217.5030, -29.8280, 0.4359



Deuteranomaly

219.7840, -22.5715, 6.3284



Tritanomaly

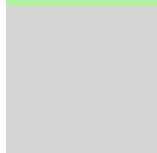
217.6070, -0.7923, -25.9653

Monochromacy



Original Color

212.7550, -25.5152, -29.6031



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

213.1160, -9.4242, -10.6257

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7550, -25.5152, -29.6031 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(179, 240, 161)` looks like.

```
.text, #text, p{  
    color:rgb(179, 240, 161)  
}
```

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(179, 240, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 240, 161) }
```

Border

The CSS property to change the border of an element to YUV 212.7550, -25.5152, -29.6031 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(179, 240, 161) }
```


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

```
.border{ border-color:rgb(179, 240, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 240, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 240, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 240, 161);  
box-shadow:4px 4px 4px 4px rgb(179, 240,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 212.7550, -25.5152, -29.6031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 240, 161) }
```

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

```
.background{ background-color: rgb(179,  
240, 161) }
```

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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