

Converting Colors

YUV(214.8510, -17.6745,
-24.4253)

Have a look what the booklet for
YUV(214.8510, -17.6745, -24.4253)
contains.

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Color

**YUV(214.8510, -17.6745,
-24.4253)**

Conversions

Conversions Part 1

Format	Color
Hex	BBEBCB3
RGB	187, 236, 179
RGB Percent	73%, 93%, 70%
CMY	0.2667, 0.0745, 0.2980
CMYK	0.21, 0.00, 0.24, 0.07
HSL	112°, 60%, 81%
HSV	112°, 24%, 93%
XYZ	58.6257, 73.8104, 53.8048
YIQ	214.8510, -10.9070, -28.1150

Conversions

Conversions Part 2

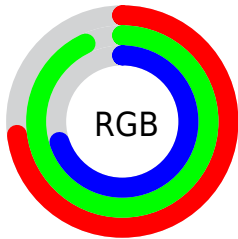
Format	Color
RYB	179, 236, 228
Decimal	12315827
CIELab	88.83, -26.25, 22.63
CIELCh	89, 34.655, 139.236
Yxy	73.8104, 0.3148, 0.3963
Android (android.graphics.Color)	4290505907 (0xFFBBECB3)
YUV	214.8510, -17.6745, -24.4253
Hunter-Lab	85.9130, -28.5421, 23.0075

Details

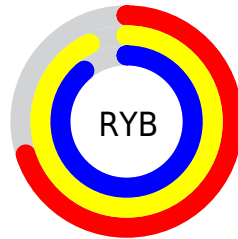
The YUV color **214.8510, -17.6745, -24.4253** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **200.1490, 17.6745, 24.4253**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.4310, -7.1145, -4.7630**, and **159.7910, -16.6590, -23.4957** is the 20% darker color. If you saturate the color by 10%, you get **206.1350, -25.2096, -34.3214**, and if you desaturate by 10%, it is **223.5670, -10.1395, -14.5293**.

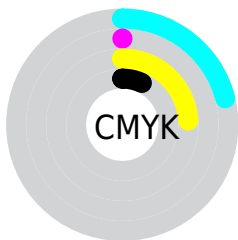
Distribution



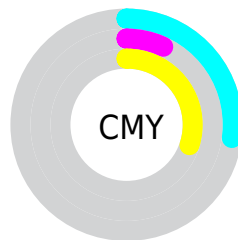
- Red (73%)
- Green (93%)
- Blue (70%)



- Red (70%)
- Yellow (93%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)



- Cyan (27%)
- Magenta (7%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.8510, -17.6745, -24.4253 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 214.8510, -17.6745, -24.4253 by changing the saturation by 10% instead.

■ 214.8510,
-17.6745, -24.4253

■ 214.8510,
-17.6745, -24.4253

255.0000, 0.0000,
0.0000

■ 187.2640,
-17.3852, -23.9105

■ 249.4310, -7.1145,
-4.7630

■ 159.7910,
-16.6590, -23.4957

■ 133.3180,
-15.9328, -23.0809

■ 107.7310,
-15.6434, -22.5661

■ 82.9590, -14.7698,
-22.7660

■ 58.6000, -13.6068,
-22.4512

■ 34.4040, -13.0172,

-24.9103

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 214.8510,
-17.6745, -24.4253

■ 214.8510,
-17.6745, -24.4253

■ 206.1350,
-25.2096, -34.3214

■ 223.5670,
-10.1395, -14.5293

■ 197.2340,
-32.1604, -44.9322

■ 232.4680, -3.1887,
-3.9184

■ 188.5180,
-39.6954, -54.8283

■ 241.1840, 4.3463,
5.9776

■ 179.9160,
-46.7936, -64.8243

■ 243.8470, 5.4984,
9.7812

■ 171.2000,
-54.3286, -74.7204

■ 162.1850,
-61.7162, -85.2312

■ 153.5830,
-68.8144, -95.2273

■ 148.3990,
-73.1607, -101.2049

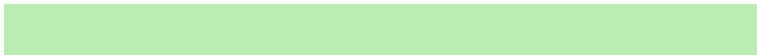
Harmonies

Analogous

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



219.3510, -29.2600, 4.9542



214.8510, -17.6745, -24.4253



210.2570, -0.1267, -52.8454

Triad

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



214.8510, -17.6745, -24.4253



213.1160, 20.6488, -43.0747



216.2000, -6.5076, 34.0276

Complementary

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



214.8510, -17.6745, -24.4253



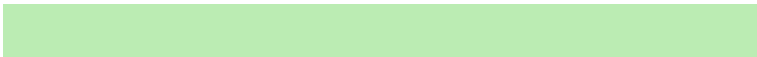
200.1490, 17.6745, 24.4253

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.



220.5490, 7.6173, 30.2135



214.8510, -17.6745, -24.4253



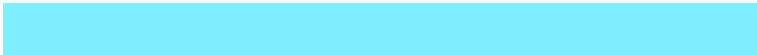
221.0110, 16.7566, -7.9026

Square

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



214.8510, -17.6745, -24.4253



206.7490, 23.7877, -69.9399



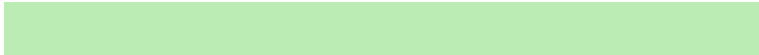
226.5250, 14.0382, 24.0956



217.0030, -21.2005, 33.3234

Rectangle

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



214.8510, -17.6745, -24.4253



207.3720, 12.1416, -67.8552



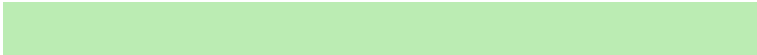
226.5250, 14.0382, 24.0956



217.4540, -1.7028, 32.9278

Sweetspot

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



214.8510, -17.6745, -24.4253



248.4630, -5.6513, -7.4221



224.2190, -22.2930, 10.3319



124.0550, -3.4781, -4.4332



0.0000, 0.0000, 0.0000



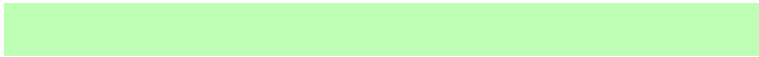
128.0000, 0.0000, 0.0000

Same Dimension

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



214.8510, -17.6745, -24.4253



227.4280, -22.8890, -31.9474



214.7390, -7.7593, -31.3431



112.7560, -3.3307, -5.0480



113.7220, -56.0649, -77.8092



34.0900, -16.8064, -22.8809

Inverse Universe

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



200.1490, 17.6745, 24.4253



208.5720, 22.8890, 31.9474



200.2610, 7.7593, 31.3431



110.2440, 3.3307, 5.0480



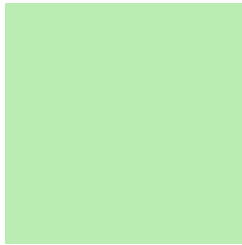
67.2780, 56.0649, 77.8092



19.9100, 16.8064, 22.8809

Previews

White Background



This preview shows how the YUV color 214.8510, -17.6745, -24.4253 looks on a white background.

Color Contrast Check

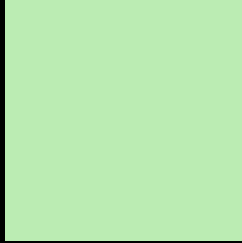
Large Text (above 18pt) WCAG AA × Fail

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 214.8510, -17.6745, -24.4253 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 214.8510, -17.6745, -24.4253 Background



This preview shows how black text looks on a background with the YUV color 214.8510, -17.6745, -24.4253.



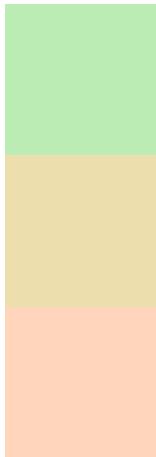
This preview shows how white text looks on a background with the YUV color 214.8510, -17.6745, -24.4253.

-24.4253.

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

214.8510, -17.6745, -24.4253

Protanopia

220.8990, -23.6142, 14.1206

Deuteranopia

223.1810, -17.8372, 27.9053



Tritanopia

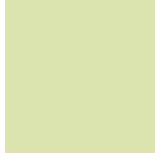
220.3810, 12.1372, -19.6281

Trichromacy



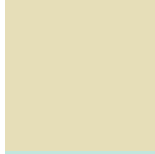
Original Color

214.8510, -17.6745, -24.4253



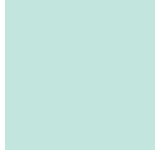
Protanomaly

218.6800, -21.5342, 0.2806



Deuteranomaly

220.0600, -17.7776, 8.7174



Tritanomaly

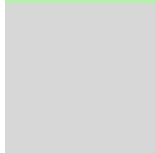
218.2100, 1.3755, -21.2322

Monochromacy



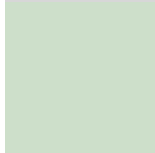
Original Color

214.8510, -17.6745, -24.4253



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.2240, -6.5194, -8.9664

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.8510, -17.6745, -24.4253 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(187, 236, 179)` looks like.

```
.text, #text, p{  
    color:rgb(187, 236, 179)  
}
```

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(187, 236, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 236, 179) }
```

Border

The CSS property to change the border of an element to YUV 214.8510, -17.6745, -24.4253 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(187, 236, 179) }
```


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

```
.border{ border-color:rgb(187, 236, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 236, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 236, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 236, 179);  
box-shadow:4px 4px 4px 4px rgb(187, 236,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 214.8510, -17.6745, -24.4253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 236, 179) }
```

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

```
.background{ background-color: rgb(187,  
236, 179) }
```

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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