

Converting Colors

YUV(215.1680, -21.7748,
-15.9333)

Have a look what the booklet for
YUV(215.1680, -21.7748, -15.9333)
contains.

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Color

**YUV(215.1680, -21.7748,
-15.9333)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E9AB
RGB	197, 233, 171
RGB Percent	77%, 91%, 67%
CMY	0.2275, 0.0863, 0.3294
CMYK	0.15, 0.00, 0.27, 0.09
HSL	95°, 58%, 79%
HSV	95°, 27%, 91%
XYZ	59.5156, 73.0884, 49.4988
YIQ	215.1680, -1.5540, -26.9140

Conversions

Conversions Part 2

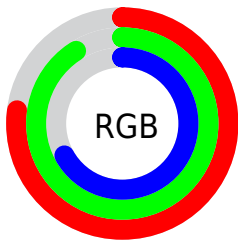
Format	Color
RYB	171, 233, 207
Decimal	12970411
CIELab	88.49, -22.63, 26.37
CIELCh	88, 34.749, 130.629
Yxy	73.0884, 0.3268, 0.4014
Android (android.graphics.Color)	4291160491 (0xFFC5E9AB)
YUV	215.1680, -21.7748, -15.9333
Hunter-Lab	85.4918, -25.3468, 25.5160

Details

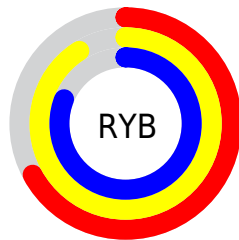
The YUV color **215.1680, -21.7748, -15.9333** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **188.8320, 21.7748, 15.9333**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.5090, -12.0829, 2.1846**, and **160.1080, -20.7592, -15.0037** is the 20% darker color. If you saturate the color by 10%, you get **208.3600, -29.7575, -22.2407**, and if you desaturate by 10%, it is **221.9760, -13.7922, -9.6260**.

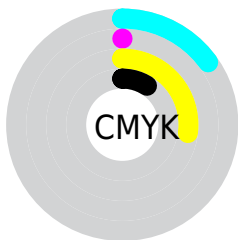
Distribution



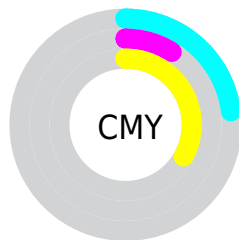
- Red (77%)
- Green (91%)
- Blue (67%)



- Red (67%)
- Yellow (91%)
- Blue (81%)



- Cyan (15%)
- Magenta (0%)
- Yellow (27%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.1680, -21.7748, -15.9333 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 215.1680, -21.7748, -15.9333 by changing the saturation by 10% instead.

■ 215.1680,
-21.7748, -15.9333

■ 215.1680,
-21.7748, -15.9333

255.0000, 0.0000,
0.0000

■ 187.2820,
-21.3380, -16.0333

■ 251.5090,
-12.0829, 2.1846

■ 160.1080,
-20.7592, -15.0037

■ 133.3360,
-19.8856, -15.2037

■ 107.8630,
-19.1595, -14.7889

■ 83.3900, -18.4333,
-14.3740

■ 59.6180, -17.5597,
-14.5740

■ 36.5040, -17.9965,

-14.4740

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 215.1680,
-21.7748, -15.9333

■ 215.1680,
-21.7748, -15.9333

■ 208.3600,
-29.7575, -22.2407

■ 221.9760,
-13.7922, -9.6260

■ 201.7370,
-38.3243, -27.8333

■ 228.5990, -5.2253,
-4.0333

■ 194.9290,
-46.3070, -34.1407

■ 235.4070, 2.7573,
2.2741

■ 188.4200,
-54.4371, -39.8333

■ 240.8900, 6.9562,
8.8665

■ 181.4980,
-62.8565, -46.0407

■ 242.0860, 6.3666,
11.3256

■ 174.9890,
-70.9866, -51.7334

■ 168.1810,
-78.9692, -58.0407

■ 166.0730,
-81.8740, -59.7000

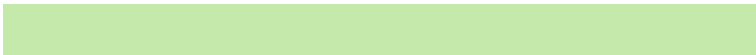
Harmonies

Analogous

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



219.3520, -30.7395, 12.8463



215.1680, -21.7748, -15.9333



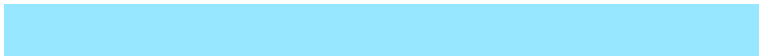
210.5200, -5.6794, -45.1830

Triad

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



215.1680, -21.7748, -15.9333



209.5170, 22.4231, -52.1964



216.5250, -2.7238, 33.7426

Complementary

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



215.1680, -21.7748, -15.9333



188.8320, 21.7748, 15.9333

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.



221.5750, 11.5485, 29.3137



215.1680, -21.7748, -15.9333



217.7000, 18.3889, -18.1539

Square

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



215.1680, -21.7748, -15.9333



204.6560, 24.8196, -74.2433



224.6980, 14.9389, 15.1739



215.9260, -17.7115, 34.2679

Rectangle

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



215.1680, -21.7748, -15.9333



206.8520, 7.4680, -62.1372



224.6980, 14.9389, 15.1739



217.8930, 2.5178, 32.5428

Sweetspot

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



215.1680, -21.7748, -15.9333



249.1320, -6.9671, -5.3778



210.0830, -19.2679, 20.0982



124.1260, -4.4991, -3.6185



0.0000, 0.0000, 0.0000



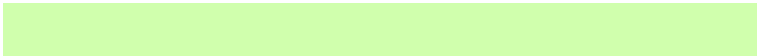
128.0000, 0.0000, 0.0000

Same Dimension

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



215.1680, -21.7748, -15.9333



231.5990, -28.8893, -20.6963



207.8500, -16.1950, -32.3174



113.6530, -3.7729, -3.2037



128.9710, -63.5827, -46.4556



38.2760, -18.8701, -14.2741

Inverse Universe

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



188.8320, 21.7748, 15.9333



196.7000, 28.7419, 21.3111



196.1500, 16.1951, 32.3175



109.0480, 3.9203, 2.5889



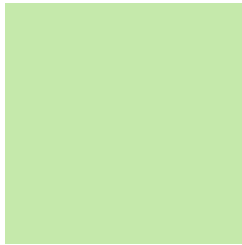
52.0290, 63.5827, 46.4556



15.4250, 19.0175, 13.6593

Previews

White Background



This preview shows how the YUV color 215.1680, -21.7748, -15.9333 looks on a white background.

Color Contrast Check

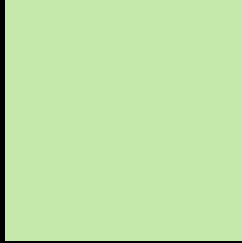
Large Text (above 18pt) WCAG AA × Fail

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 215.1680, -21.7748, -15.9333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

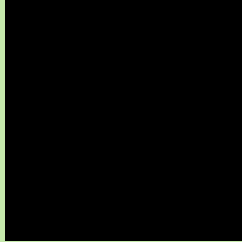
Any Text WCAG AA ✓ Pass

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 215.1680, -21.7748, -15.9333 Background



This preview shows how black text looks on a background with the YUV color 215.1680, -21.7748, -15.9333.



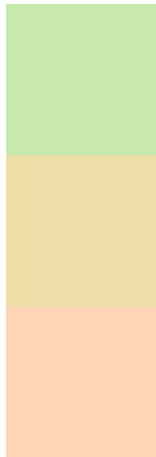
This preview shows how white text looks on a background with the YUV color 215.1680, -21.7748, -15.9333.

-15.9333.

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

215.1680, -21.7748, -15.9333

Protanopia

219.5140, -26.3824, 15.3352

Deuteranopia

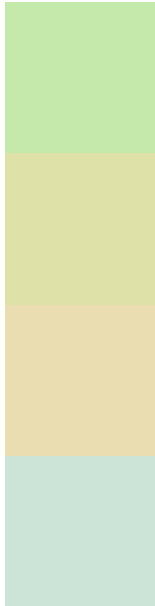
222.4970, -20.4580, 28.5051



Tritanopia

221.2680, 10.2209, -11.6360

Trichromacy



Original Color

215.1680, -21.7748, -15.9333

Protanomaly

217.6050, -24.4553, 3.8544

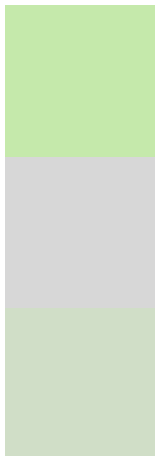
Deuteranomaly

219.8710, -21.1354, 12.3911

Tritanomaly

218.8690, -1.4144, -13.0401

Monochromacy



Original Color

215.1680, -21.7748, -15.9333

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.1920, -7.9827, -6.3074

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.1680, -21.7748, -15.9333 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(197, 233, 171)` looks like.

```
.text, #text, p{  
    color:rgb(197, 233, 171)  
}
```

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(197, 233, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 233, 171) }
```

Border

The CSS property to change the border of an element to YUV 215.1680, -21.7748, -15.9333 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(197, 233, 171) }
```


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

```
.border{ border-color:rgb(197, 233, 171) }
```

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

Here you see how a box with a 4 pixel rgb(197, 233, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 233, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 233, 171);  
box-shadow:4px 4px 4px 4px rgb(197, 233,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 215.1680, -21.7748, -15.9333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 233, 171) }
```

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

```
.background{ background-color: rgb(197,  
233, 171) }
```

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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