

Converting Colors

YUV(214.6140, -21.5017,
-10.1855)

Have a look what the booklet for
YUV(214.6140, -21.5017, -10.1855)
contains.

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Color

**YUV(214.6140, -21.5017,
-10.1855)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE5AB
RGB	203, 229, 171
RGB Percent	80%, 90%, 67%
CMY	0.2039, 0.1020, 0.3294
CMYK	0.11, 0.00, 0.25, 0.10
HSL	87°, 53%, 78%
HSV	87°, 25%, 90%
XYZ	59.9986, 71.6754, 49.2006
YIQ	214.6140, 3.1220, -23.5500

Conversions

Conversions Part 2

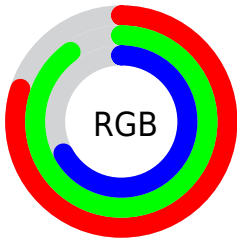
Format	Color
RYB	171, 229, 197
Decimal	13362603
CIELab	87.81, -18.55, 25.51
CIELCh	88, 31.545, 126.022
Yxy	71.6754, 0.3317, 0.3963
Android (android.graphics.Color)	4291552683 (0xFFCBE5AB)
YUV	214.6140, -21.5017, -10.1855
Hunter-Lab	84.6613, -21.6562, 24.8068

Details

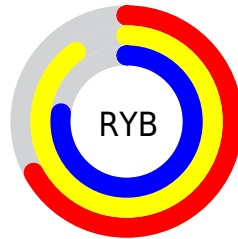
The YUV color **214.6140, -21.5017, -10.1855** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **185.3860, 21.5017, 10.1855**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.8080, -12.2303, 2.7994**, and **159.2550, -20.3387, -9.8706** is the 20% darker color. If you saturate the color by 10%, you get **209.0020, -30.0740, -14.0338**, and if you desaturate by 10%, it is **220.2260, -12.9294, -6.3372**.

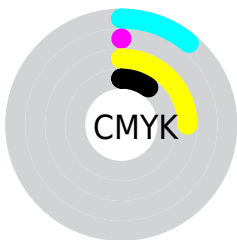
Distribution



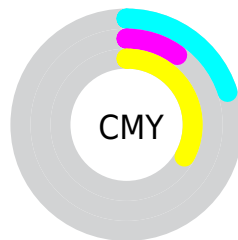
- Red (80%)
- Green (90%)
- Blue (67%)



- Red (67%)
- Yellow (90%)
- Blue (77%)



- Cyan (11%)
- Magenta (0%)
- Yellow (25%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.6140, -21.5017, -10.1855 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 214.6140, -21.5017, -10.1855 by changing the saturation by 10% instead.

■ 214.6140,
-21.5017, -10.1855

■ 214.6140,
-21.5017, -10.1855

255.0000, 0.0000,
0.0000

■ 186.7280,
-21.0649, -10.2855

■ 251.8080,
-12.2303, 2.7994

■ 159.2550,
-20.3387, -9.8706

■ 133.3690,
-19.9019, -9.9706

■ 107.8960,
-19.1757, -9.5558

■ 83.1240, -18.3021,
-9.7557

■ 59.6510, -17.5759,
-9.3409

■ 37.4230, -18.4495,

-9.1410

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 214.6140,
-21.5017, -10.1855

■ 214.6140,
-21.5017, -10.1855

■ 209.0020,
-30.0740, -14.0338

■ 220.2260,
-12.9294, -6.3372

■ 203.0910,
-38.4989, -18.4968

■ 226.1370, -4.5045,
-1.8741

■ 197.4790,
-47.0711, -22.3451

■ 231.7490, 4.0677,
1.9741

■ 191.8670,
-55.6434, -26.1934

■ 236.4490, 9.1456,
6.6222

■ 186.2550,
-64.2157, -30.0416

■ 239.4390, 7.6716,
12.7700

■ 180.4580,
-72.2038, -34.6047

■ 239.7380, 7.5242,
13.3848

■ 174.8460,
-80.7761, -38.4529

■ 172.0970,
-84.8438, -40.4271

Harmonies

Analogous

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



217.9440, -28.5664, 15.8351



214.6140, -21.5017, -10.1855



210.7060, -7.7431, -36.5762

Triad

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



214.6140, -21.5017, -10.1855



209.5280, 22.4177, -50.4521



216.9810, -0.9766, 33.3427

Complementary

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



214.6140, -21.5017, -10.1855



185.3860, 21.5017, 10.1855

Split Complementary

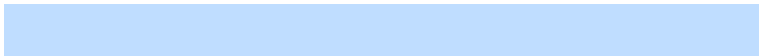
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.7490, 10.9697, 28.2841



214.6140, -21.5017, -10.1855



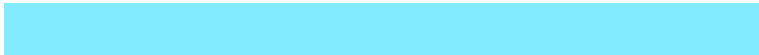
215.9060, 19.2733, -21.8426

Square

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



214.6140, -21.5017, -10.1855



206.0700, 23.6295, -65.8364



222.0070, 16.2655, 9.6409



216.0230, -14.8013, 34.1828

Rectangle

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



214.6140, -21.5017, -10.1855



207.8810, 3.5097, -52.5156



222.0070, 16.2655, 9.6409



218.7080, 3.1020, 31.8281

Sweetspot

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



214.6140, -21.5017, -10.1855



250.0290, -7.4093, -3.5334



203.0170, -15.7844, 22.7871



124.7240, -4.7939, -2.3889



0.0000, 0.0000, 0.0000



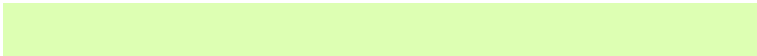
128.0000, 0.0000, 0.0000

Same Dimension

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



214.6140, -21.5017, -10.1855



236.1700, -28.1848, -13.3041



206.2420, -17.3743, -27.3992



112.1370, -4.5045, -1.8741



134.3750, -66.2469, -31.9009



38.3090, -18.8863, -9.0410

Inverse Universe

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



185.3860, 21.5017, 10.1855



197.8300, 28.1848, 13.3041



193.7580, 17.3743, 27.3992



105.8630, 4.5045, 1.8741



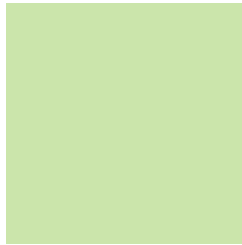
44.3260, 66.3943, 31.2861



12.6910, 18.8863, 9.0410

Previews

White Background



This preview shows how the YUV color 214.6140, -21.5017, -10.1855 looks on a white background.

Color Contrast Check

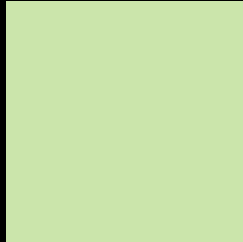
Large Text (above 18pt) WCAG AA × Fail

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 214.6140, -21.5017, -10.1855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

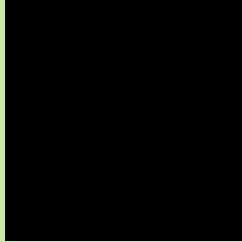
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

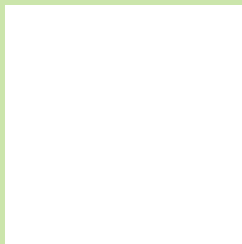
Any Text WCAG AAA ✓ Pass

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

YUV 214.6140, -21.5017, -10.1855 Background



This preview shows how black text looks on a background with the YUV color 214.6140, -21.5017, -10.1855.



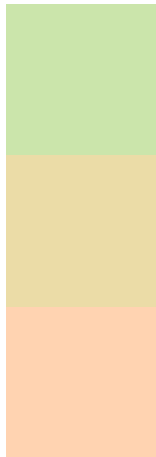
This preview shows how white text looks on a background with the YUV color 214.6140, -21.5017, -10.1855.

-10.1855.

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

214.6140, -21.5017, -10.1855

Protanopia

218.4430, -25.3614, 14.5205

Deuteranopia

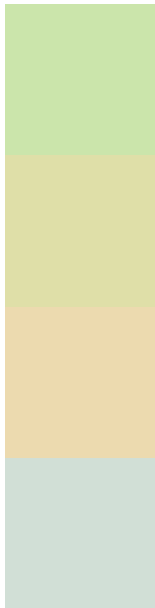
220.2800, -21.3370, 30.4494



Tritanopia

219.9590, 8.8942, -6.1030

Trichromacy



Original Color

214.6140, -21.5017, -10.1855

Protanomaly

216.7300, -24.0239, 5.4988

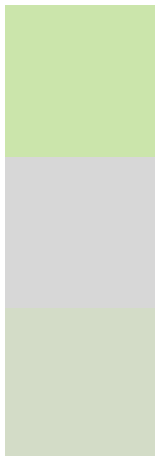
Deuteranomaly

218.4800, -21.4356, 15.3650

Tritanomaly

217.7880, -1.8675, -7.7071

Monochromacy



Original Color

214.6140, -21.5017, -10.1855

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.9150, -7.8461, -3.4335

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.6140, -21.5017, -10.1855 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(203, 229, 171)` looks like.

```
.text, #text, p{  
    color:rgb(203, 229, 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(203, 229, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 229, 171) }
```

Border

The CSS property to change the border of an element to YUV 214.6140, -21.5017, -10.1855 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(203, 229, 171) }
```


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

```
.border{ border-color:rgb(203, 229, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 229, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 229, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 229, 171);  
box-shadow:4px 4px 4px 4px rgb(203, 229,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 214.6140, -21.5017, -10.1855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 229, 171) }
```

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

```
.background{ background-color: rgb(203,  
229, 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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