

Converting Colors

YUV(214.6790, -6.7437,
-30.4135)

Have a look what the booklet for
YUV(214.6790, -6.7437, -30.4135)
contains.

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Color

**YUV(214.6790, -6.7437,
-30.4135)**

Conversions

Conversions Part 1

Format	Color
Hex	B4EBC9
RGB	180, 235, 201
RGB Percent	71%, 92%, 79%
CMY	0.2941, 0.0784, 0.2118
CMYK	0.23, 0.00, 0.14, 0.08
HSL	143°, 58%, 81%
HSV	143°, 23%, 92%
XYZ	59.0733, 73.3370, 66.3003
YIQ	214.6790, -21.8660, -22.2340

Conversions

Conversions Part 2

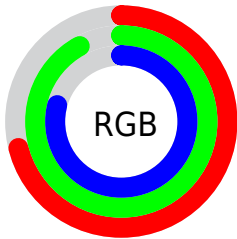
Format	Color
RYB	180, 220, 235
Decimal	11856841
CIELab	88.61, -24.20, 10.84
CIELCh	89, 26.516, 155.867
Yxy	73.3370, 0.2973, 0.3691
Android (android.graphics.Color)	4290046921 (0xFFB4EBC9)
YUV	214.6790, -6.7437, -30.4135
Hunter-Lab	85.6370, -26.7336, 14.0435

Details

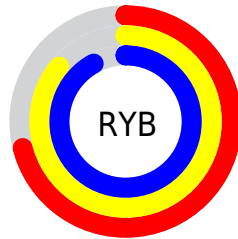
The YUV color $214.6790, -6.7437, -30.4135$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $200.3210, 6.7437, 30.4135$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6180, 2.6533, -11.0660$, and $159.5050, -6.1650, -29.3839$ is the 20% darker color. If you saturate the color by 10%, you get $206.0920, -9.9054, -43.0537$, and if you desaturate by 10%, it is $223.5650, -3.7295, -17.1585$.

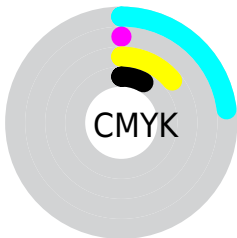
Distribution



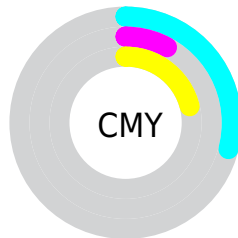
- Red (71%)
- Green (92%)
- Blue (79%)



- Red (71%)
- Yellow (86%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)



- Cyan (29%)
- Magenta (8%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.6790, -6.7437, -30.4135 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 214.6790, -6.7437, -30.4135 by changing the saturation by 10% instead.

 214.6790, -6.7437,
-30.4135


 214.6790, -6.7437,
-30.4135

255.0000, 0.0000,
0.0000


 187.0920, -6.4544,
-29.8987


 249.6180, 2.6533,
-11.0660

 159.5050, -6.1650,
-29.3839

 132.9180, -5.8756,
-28.8691

 107.3310, -5.5862,
-28.3543

 82.5590, -4.7126,
-28.5542

 58.3740, -4.1284,
-29.2690

 34.4170, -2.6706,

-30.1837

■ 19.8270, -7.8027,
-17.3883

■ 0.0000, 0.0000,
0.0000

■ 214.6790, -6.7437,
-30.4135

■ 214.6790, -6.7437,
-30.4135

■ 206.0920, -9.9054,
-43.0537

■ 223.5650, -3.7295,
-17.1585

■ 197.3200,
-12.4828, -56.4086

■ 232.0380, -1.0047,
-4.4183

■ 188.7330,
-15.6444, -69.0488

■ 240.9240, 2.0095,
8.8367

■ 179.9610,
-18.2218, -82.4038

■ 243.2600, 5.7878,
10.2960

■ 171.3740,
-21.3834, -95.0440

■ 162.6020,
-23.9608, -108.3990

■ 154.0150,
-27.1224, -121.0392

■ 148.2050,
-28.6951, -129.9758

Harmonies

Analogous

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



217.8360, -18.1601, -8.6262



214.6790, -6.7437, -30.4135



212.2390, 7.2772, -47.5676

Triad

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



214.6790, -6.7437, -30.4135



219.4720, 17.5153, -17.9539



219.8700, -12.7539, 30.8090

Complementary

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



214.6790, -6.7437, -30.4135



200.3210, 6.7437, 30.4135

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.



220.8450, -1.4026, 29.9539



214.6790, -6.7437, -30.4135



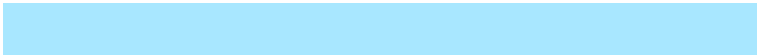
224.3550, 15.1080, 7.5817

Square

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



214.6790, -6.7437, -30.4135



214.8990, 19.7698, -41.1304



225.5700, 9.0860, 25.8101



222.0410, -22.2052, 28.9050

Rectangle

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



214.6790, -6.7437, -30.4135



211.7960, 15.8766, -52.4411



225.5700, 9.0860, 25.8101



220.1950, -8.9701, 30.5240

Sweetspot

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



214.6790, -6.7437, -30.4135



248.3640, -2.1515, -9.9662



222.7500, -21.0757, -6.7968



123.9130, -1.4361, -6.0627



0.0000, 0.0000, 0.0000



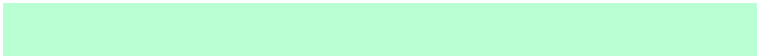
128.0000, 0.0000, 0.0000

Same Dimension

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



214.6790, -6.7437, -30.4135



228.7550, -8.7532, -39.2501



217.7570, 5.0498, -33.1129



112.9130, -1.4361, -6.0627



114.1130, -22.2407, -100.0771



33.9780, -6.8912, -29.7987

Inverse Universe

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



200.3210, 6.7437, 30.4135



210.2450, 8.7532, 39.2501



197.2430, -5.0498, 33.1129



110.0870, 1.4361, 6.0627



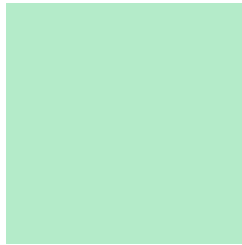
66.8870, 22.2407, 100.0771



19.9080, 6.4544, 29.8987

Previews

White Background



This preview shows how the YUV color 214.6790, -6.7437, -30.4135 looks on a white background.

Color Contrast Check

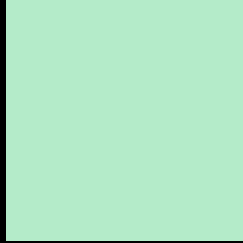
Large Text (above 18pt) WCAG AA × Fail

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 214.6790, -6.7437, -30.4135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

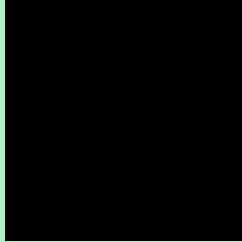
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

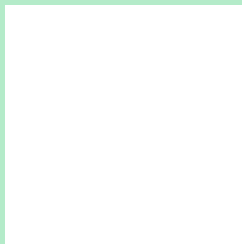
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.6790, -6.7437, -30.4135

Background



This preview shows how black text looks on a background with the YUV color 214.6790, -6.7437, -30.4135.



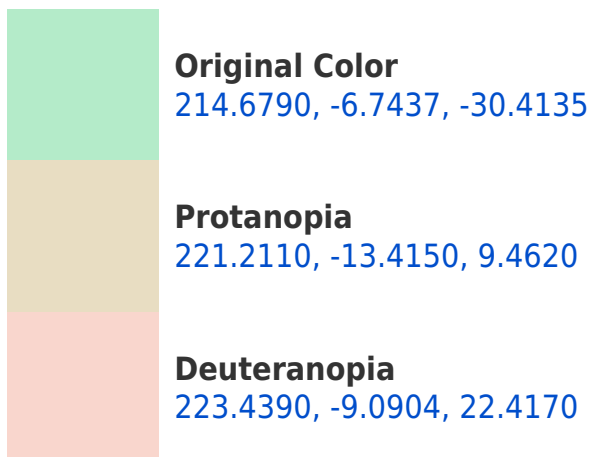
This preview shows how white text looks on a background with the YUV color 214.6790, -6.7437, -30.4135.

-30.4135.

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





Tritanopia

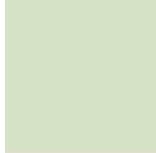
219.0920, 13.7586, -26.3907

Trichromacy



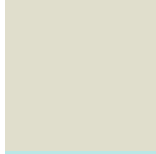
Original Color

214.6790, -6.7437, -30.4135



Protanomaly

218.8070, -10.7509, -5.0927



Deuteranomaly

220.5460, -8.1572, 3.0292



Tritanomaly

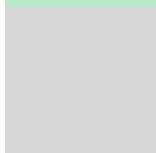
217.4310, 6.1965, -27.5650

Monochromacy



Original Color

214.6790, -6.7437, -30.4135



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

214.6520, -2.2934, -11.0958

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.6790, -6.7437, -30.4135 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(180, 235, 201)` looks like.

```
.text, #text, p{  
    color:rgb(180, 235, 201)  
}
```

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(180, 235, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 235, 201) }
```

Border

The CSS property to change the border of an element to YUV 214.6790, -6.7437, -30.4135 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(180, 235, 201) }
```


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

```
.border{ border-color:rgb(180, 235, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 235, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 235, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 235, 201);  
box-shadow:4px 4px 4px 4px rgb(180, 235,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 214.6790, -6.7437, -30.4135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 235, 201) }
```

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

```
.background{ background-color: rgb(180,  
235, 201) }
```

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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