

Converting Colors

YUV(214.1820, 0.4033,
-36.1166)

Have a look what the booklet for
YUV(214.1820, 0.4033, -36.1166)
contains.

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Color

**YUV(214.1820, 0.4033,
-36.1166)**

Conversions

Conversions Part 1

Format	Color
Hex	ADEBD7
RGB	173, 235, 215
RGB Percent	68%, 92%, 84%
CMY	0.3216, 0.0784, 0.1569
CMYK	0.26, 0.00, 0.09, 0.08
HSL	161°, 61%, 80%
HSV	161°, 26%, 92%
XYZ	59.2077, 73.2072, 75.2998
YIQ	214.1820, -30.5320, -19.3640

Conversions

Conversions Part 2

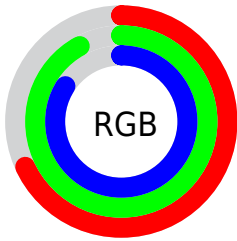
Format	Color
R_{YB}	173, 210, 235
Decimal	11398103
CIE _{Lab}	88.55, -23.61, 3.39
CIE _{LCh}	89, 23.851, 171.834
Yxy	73.2072, 0.2850, 0.3524
Android (android.graphics.Color)	4289588183 (0xFFAEDBD7)
YUV	214.1820, 0.4033, -36.1166
Hunter-Lab	85.5612, -26.2116, 7.7135

Details

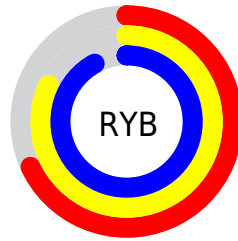
The YUV color $214.1820, 0.4033, -36.1166$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $193.8180, -0.4033, 36.1166$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.5250, 3.6852, -15.3694$, and $158.8940, 0.5453, -34.9870$ is the 20% darker color. If you saturate the color by 10%, you get $206.0940, 0.4467, -50.0714$, and if you desaturate by 10%, it is $222.2700, 0.3599, -22.1618$.

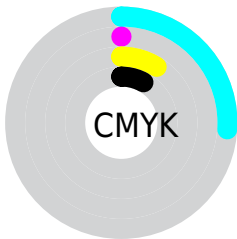
Distribution



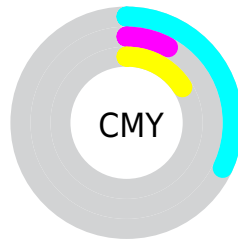
- Red (68%)
- Green (92%)
- Blue (84%)



- Red (68%)
- Yellow (82%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)



- Cyan (32%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.1820, 0.4033, -36.1166 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 214.1820, 0.4033, -36.1166 by changing the saturation by 10% instead.

■ 214.1820, 0.4033,
-36.1166

■ 214.1820, 0.4033,
-36.1166

255.0000, 0.0000,
0.0000

■ 186.4810, 0.2559,
-35.5018

■ 247.5250, 3.6852,
-15.3694

■ 158.8940, 0.5453,
-34.9870

■ 132.3070, 0.8346,
-34.4722

■ 106.4210, 1.2714,
-34.5722

■ 81.5350, 1.7082,
-34.6722

■ 55.7410, 2.5927,
-38.3609

■ 35.6710, 2.1342,

-31.2835

■ 21.5370, -1.2507,
-18.8879

■ 0.0000, 0.0000,
0.0000

■ 214.1820, 0.4033,
-36.1166

■ 214.1820, 0.4033,
-36.1166

■ 206.0940, 0.4467,
-50.0714

■ 222.2700, 0.3599,
-22.1618

■ 198.4190, 0.7794,
-63.5115

■ 229.9450, 0.0271,
-8.7218

■ 190.6300, 0.6754,
-76.8515

■ 238.0330, -0.0163,
5.2331

■ 182.6560, 1.1556,
-90.9063

■ 242.1200, 1.4198,
11.2958

■ 174.8670, 1.0516,
-104.2464

■ 243.0320, 4.9142,
10.4959

■ 166.8930, 1.5318,
-118.3012

■ 243.2600, 5.7878,
10.2960

■ 159.1040, 1.4277,
-131.6412

■ 156.0710, 1.4440,
-136.8743

Harmonies

Analogous

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



216.9040, -11.2917, -18.3328



214.1820, 0.4033, -36.1166



213.2160, 12.2185, -45.7934

Triad

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



214.1820, 0.4033, -36.1166



222.8050, 15.8721, -4.2140



221.4200, -16.9691, 29.4497

Complementary

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



214.1820, 0.4033, -36.1166



193.8180, -0.4033, 36.1166

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.



221.2380, -7.5123, 29.6093



214.1820, 0.4033, -36.1166



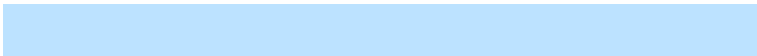
226.0250, 12.3127, 17.5181

Square

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



214.1820, 0.4033, -36.1166



217.9440, 18.2686, -26.2609



223.8600, 2.5340, 27.3098



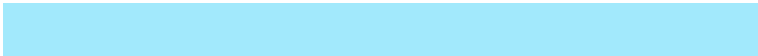
222.3990, -21.8887, 20.6981

Rectangle

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



214.1820, 0.4033, -36.1166



213.9370, 18.7651, -45.5487



223.8600, 2.5340, 27.3098



221.5170, -14.0589, 29.3646

Sweetspot

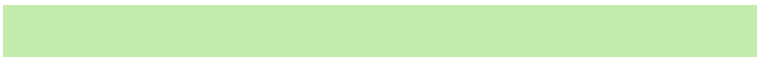
The Sweet Spot groups the original color and five complimentary colors.



214.1820, 0.4033, -36.1166



248.2220, -0.1094, -11.5957



215.6730, -21.0378, -19.0072



123.5430, -0.2677, -7.4922



0.0000, 0.0000, 0.0000



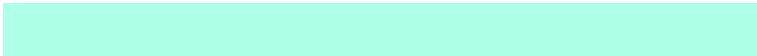
128.0000, 0.0000, 0.0000

Same Dimension

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



214.1820, 0.4033, -36.1166



227.5180, 0.7306, -47.8123



210.5920, 12.0331, -32.9682



113.3690, 0.3111, -6.4626



120.2690, 1.3464, -105.4759



35.8020, 0.0976, -31.3984

Inverse Universe

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



193.8180, -0.4033, 36.1166



200.5960, -0.2938, 47.7123



197.4080, -12.0331, 32.9682



109.6310, -0.3111, 6.4626



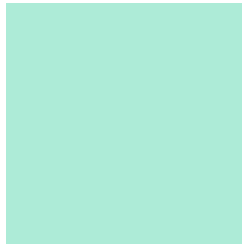
60.7310, -1.3464, 105.4759



18.0840, -0.5344, 31.4983

Previews

White Background



This preview shows how the YUV color 214.1820, 0.4033, -36.1166 looks on a white background.

Color Contrast Check

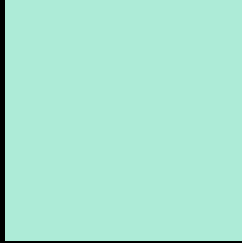
Large Text (above 18pt) WCAG AA × Fail

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 214.1820, 0.4033, -36.1166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

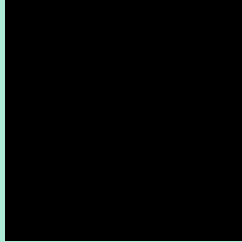
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

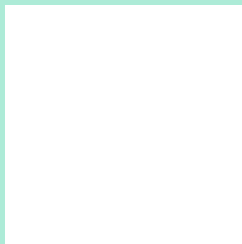
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.1820, 0.4033, -36.1166

Background



This preview shows how black text looks on a background with the YUV color 214.1820, 0.4033, -36.1166.



This preview shows how white text looks on a background with the YUV color 214.1820, 0.4033,

-36.1166.

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

214.1820, 0.4033, -36.1166

Protanopia

221.7960, -7.2944, 6.3179

Deuteranopia

223.5400, -2.2382, 17.9434



Tritanopia

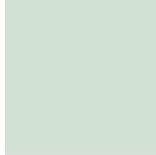
217.1020, 15.2327, -32.5385

Trichromacy



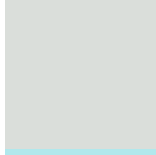
Original Color

214.1820, 0.4033, -36.1166



Protanomaly

219.0930, -4.4828, -8.8516



Deuteranomaly

220.3480, -1.1576, -2.0592



Tritanomaly

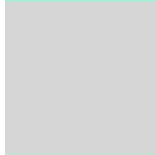
216.0110, 9.8546, -34.2126

Monochromacy



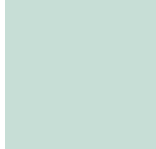
Original Color

214.1820, 0.4033, -36.1166



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.2110, -0.1040, -13.3400

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.1820, 0.4033, -36.1166 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(173, 235, 215)` looks like.

```
.text, #text, p{  
    color:rgb(173, 235, 215)  
}
```

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(173, 235, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 235, 215) }
```

Border

The CSS property to change the border of an element to YUV 214.1820, 0.4033, -36.1166 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(173, 235, 215) }
```


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

```
.border{ border-color:rgb(173, 235, 215) }
```

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

Here you see how a box with a 4 pixel rgb(173, 235, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 235, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 235, 215);  
box-shadow:4px 4px 4px 4px rgb(173, 235,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 214.1820, 0.4033, -36.1166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 235, 215) }
```

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

```
.background{ background-color: rgb(173,  
235, 215) }
```

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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