

Converting Colors

YUV(214.6440, -0.3175,
-38.2758)

Have a look what the booklet for
YUV(214.6440, -0.3175, -38.2758)
contains.

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Color

**YUV(214.6440, -0.3175,
-38.2758)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | ABEDD6 |
| RGB | 171, 237, 214 |
| RGB Percent | 67%, 93%, 84% |
| CMY | 0.3294, 0.0706, 0.1608 |
| CMYK | 0.28, 0.00, 0.10, 0.07 |
| HSL | 159°, 65%, 80% |
| HSV | 159°, 28%, 93% |
| XYZ | 59.2164, 74.0813, 74.7964 |
| YIQ | 214.6440, -31.9530, -21.1450 |

Conversions

Conversions Part 2

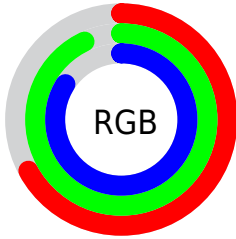
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 171, 211, 237 |
| Decimal | 11267542 |
| CIELab | 88.96, -25.38, 4.50 |
| CIELCh | 89, 25.771, 169.950 |
| Yxy | 74.0813, 0.2846, 0.3560 |
| Android (android.graphics.Color) | 4289457622 (0xFFABEDD6) |
| YUV | 214.6440, -0.3175, -38.2758 |
| Hunter-Lab | 86.0705, -27.8157, 8.7256 |

Details

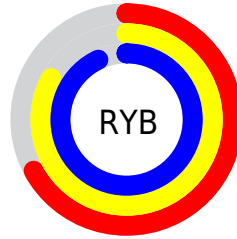
The YUV color $214.6440, -0.3175, -38.2758$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $193.3560, 0.3175, 38.2758$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.9270, 3.9800, -16.5990$, and $159.3560, -0.1755, -37.1462$ is the 20% darker color. If you saturate the color by 10%, you get $206.5560, -0.2741, -52.2306$, and if you desaturate by 10%, it is $222.7320, -0.3609, -24.3210$.

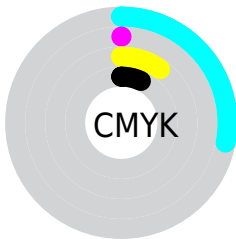
Distribution



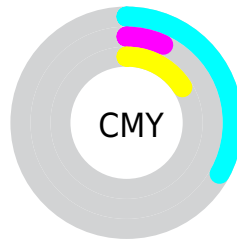
- Red (67%)
- Green (93%)
- Blue (84%)



- Red (67%)
- Yellow (83%)
- Blue (93%)



- Cyan (28%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.6440, -0.3175, -38.2758 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 214.6440, -0.3175, -38.2758 by changing the saturation by 10% instead.

 214.6440, -0.3175,
-38.2758

 214.6440, -0.3175,
-38.2758

255.0000, 0.0000,
0.0000


 186.9430, -0.4649,
-37.6610


 246.9270, 3.9800,
-16.5990

 159.3560, -0.1755,
-37.1462

 132.7690, 0.1139,
-36.6314

 106.8830, 0.5507,
-36.7314

 80.8120, 1.5717,
-37.5461

 54.5340, 3.1877,
-42.5643

 36.7310, 1.1186,

-32.2131

■ 22.0100, -1.9769,
-19.3028

■ 0.0000, 0.0000,
0.0000

■ 214.6440, -0.3175,
-38.2758

■ 214.6440, -0.3175,
-38.2758

■ 206.5560, -0.2741,
-52.2306

■ 222.7320, -0.3609,
-24.3210

■ 198.6530, -0.8149,
-65.4707

■ 230.6350, 0.1799,
-11.0809

■ 190.5650, -0.7715,
-79.4255

■ 238.7230, 0.1366,
2.8739

■ 182.4770, -0.7282,
-93.3803

■ 243.5220, 1.7147,
10.0662

■ 174.3890, -0.6848,
-107.3352

■ 244.4340, 5.2090,
9.2664

■ 166.4860, -1.2256,
-120.5752

■ 158.3980, -1.1822,
-134.5300

■ 156.6750, -1.3188,
-137.4040

Harmonies

Analogous

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



217.4480, -13.0389, -17.9329



214.6440, -0.3175, -38.2758



213.0090, 12.8136, -49.9969

Triad

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



214.6440, -0.3175, -38.2758



223.0930, 15.7302, -5.3436



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.



214.6440, -0.3175, -38.2758



193.3560, 0.3175, 38.2758

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.



221.4660, -6.6387, 29.4093



214.6440, -0.3175, -38.2758



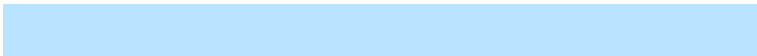
227.3670, 13.6231, 17.2181

Square

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



214.6440, -0.3175, -38.2758



217.9220, 18.2795, -29.7496



224.3160, 4.2812, 26.9099



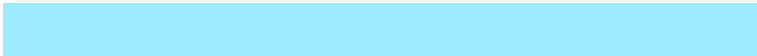
223.2530, -23.7887, 23.4571

Rectangle

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



214.6440, -0.3175, -38.2758



214.1320, 19.6549, -50.9818



224.3160, 4.2812, 26.9099



220.9300, -13.7695, 29.8794

Sweetspot

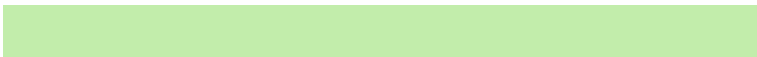
The Sweet Spot groups the original color and five complimentary colors.



214.6440, -0.3175, -38.2758



248.2220, -0.1094, -11.5957



216.6190, -22.4902, -19.8369



123.5430, -0.2677, -7.4922



0.0000, 0.0000, 0.0000



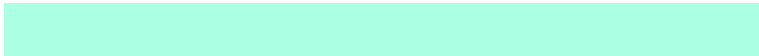
128.0000, 0.0000, 0.0000

Same Dimension

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



214.6440, -0.3175, -38.2758



226.5780, -0.2850, -48.7419



211.3960, 12.6228, -35.4273



113.2550, -0.1257, -6.3626



119.6990, -0.8376, -104.9760



35.6880, -0.3392, -31.2984

Inverse Universe

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



193.3560, 0.3175, 38.2758



199.4220, 0.2850, 48.7419



196.6040, -12.6228, 35.4273



109.7450, 0.1257, 6.3626



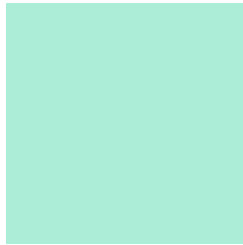
61.3010, 0.8376, 104.9760



18.3120, 0.3392, 31.2984

Previews

White Background



This preview shows how the YUV color 214.6440, -0.3175, -38.2758 looks on a white background.

Color Contrast Check

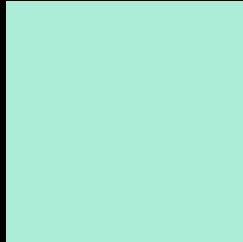
Large Text (above 18pt) WCAG AA × Fail

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 214.6440, -0.3175, -38.2758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

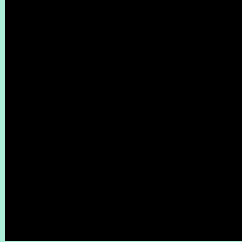
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

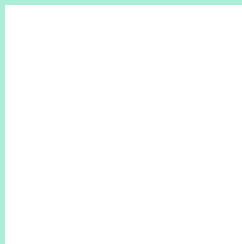
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.6440, -0.3175, -38.2758

Background



This preview shows how black text looks on a background with the YUV color 214.6440, -0.3175, -38.2758.



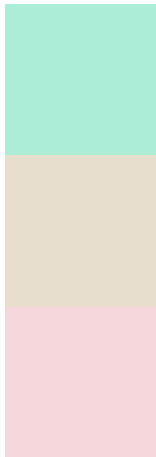
This preview shows how white text looks on a background with the YUV color 214.6440, -0.3175, -38.2758.

-38.2758.

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

214.6440, -0.3175, -38.2758

Protanopia

222.8670, -8.3154, 7.1326

Deuteranopia

224.7250, -2.8224, 18.6582



Tritanopia

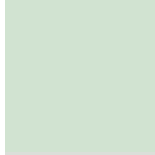
218.2050, 15.6749, -34.3828

Trichromacy



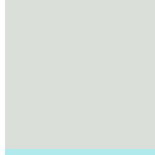
Original Color

214.6440, -0.3175, -38.2758



Protanomaly

219.5660, -5.2090, -9.2664



Deuteranomaly

221.1200, -2.0312, -1.8592



Tritanomaly

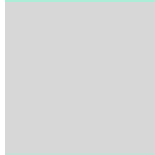
217.0000, 9.8600, -35.9570

Monochromacy



Original Color

214.6440, -0.3175, -38.2758



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

214.9120, 0.0434, -13.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.6440, -0.3175, -38.2758 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(171, 237, 214)` looks like.

```
.text, #text, p{  
    color:rgb(171, 237, 214)  
}
```

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(171, 237, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 237, 214) }
```

Border

The CSS property to change the border of an element to YUV 214.6440, -0.3175, -38.2758 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(171, 237, 214) }
```


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

```
.border{ border-color:rgb(171, 237, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 237, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 237, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 237, 214);  
box-shadow:4px 4px 4px 4px rgb(171, 237,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 214.6440, -0.3175, -38.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 237, 214) }
```

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

```
.background{ background-color: rgb(171,  
237, 214) }
```

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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