

Converting Colors

YUV(215.4800, 1.7354,
-43.3940)

Have a look what the booklet for
YUV(215.4800, 1.7354, -43.3940)
contains.

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Color

**YUV(215.4800, 1.7354,
-43.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	A6F0DB
RGB	166, 240, 219
RGB Percent	65%, 94%, 86%
CMY	0.3490, 0.0588, 0.1412
CMYK	0.31, 0.00, 0.09, 0.06
HSL	163°, 71%, 80%
HSV	163°, 31%, 94%
XYZ	59.6722, 75.5416, 78.4538
YIQ	215.4800, -37.3630, -22.2190

Conversions

Conversions Part 2

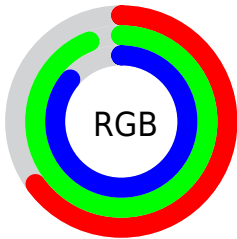
Format	Color
R _Y B	166, 209, 240
Decimal	10940635
CIE Lab	89.65, -27.24, 2.85
CIE LCh	90, 27.384, 174.030
Yxy	75.5416, 0.2793, 0.3535
Android (android.graphics.Color)	4289130715 (0xFFA6F0DB)
YUV	215.4800, 1.7354, -43.3940
Hunter-Lab	86.9147, -29.5497, 7.3220

Details

The YUV color $215.4800, 1.7354, -43.3940$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $190.5200, -1.7354, 43.3940$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.4320, 4.7170, -19.6729$, and $159.8930, 2.0248, -42.8792$ is the 20% darker color. If you saturate the color by 10%, you get $207.5060, 2.2155, -57.4488$, and if you desaturate by 10%, it is $223.4540, 1.2552, -29.3392$.

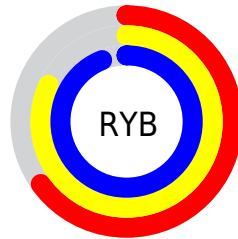
Distribution



Red (65%)

Green (94%)

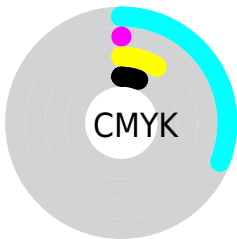
Blue (86%)



Red (65%)

Yellow (82%)

Blue (94%)

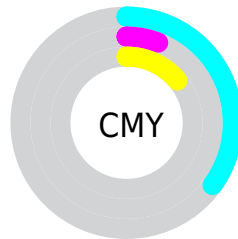


Cyan (31%)

Magenta (0%)

Yellow (9%)

Black (6%)



Cyan (35%)

Magenta (6%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.4800, 1.7354, -43.3940 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 215.4800, 1.7354, -43.3940 by changing the saturation by 10% instead.

215.4800, 1.7354,
-43.3940

215.4800, 1.7354,
-43.3940

255.0000, 0.0000,
0.0000

187.4800, 1.7354,
-43.3940

245.4320, 4.7170,
-19.6729

159.8930, 2.0248,
-42.8792

254.1030, 0.4422,
-1.8443

133.3060, 2.3141,
-42.3644

106.4200, 2.7509,
-42.4643

80.3380, 3.7774,
-45.0234

54.3700, 5.2406,
-47.6825

38.3610, 2.2870,

-33.6426

■ 23.6400, -0.8085,
-20.7323

■ 0.0000, 0.0000,
0.0000

■ 215.4800, 1.7354,
-43.3940

■ 215.4800, 1.7354,
-43.3940

■ 207.5060, 2.2155,
-57.4488

■ 223.4540, 1.2552,
-29.3392

■ 199.5320, 2.6957,
-71.5036

■ 231.4280, 0.7750,
-15.2844

■ 191.6720, 3.6127,
-85.6583

■ 239.2880, -0.1420,
-1.1296

■ 183.6980, 4.0929,
-99.7131

■ 245.1690, 0.4097,
8.6218

■ 175.7240, 4.5731,
-113.7679

■ 245.9670, 3.4673,
7.9219

■ 167.7500, 5.0533,
-127.8227

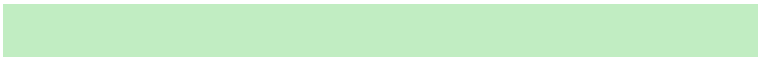
■ 246.1950, 4.3409,
7.7220

■ 160.4880, 5.6754,
-140.7480

Harmonies

Analogous

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



218.9420, -12.2964, -22.7511



215.4800, 1.7354, -43.3940



214.3720, 15.5926, -54.7002

Triad

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



215.4800, 1.7354, -43.3940



224.8870, 14.8457, -1.6549



222.2520, -18.8582, 28.7200

Complementary

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



215.4800, 1.7354, -43.3940



190.5200, -1.7354, 43.3940

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.



221.7110, -8.2385, 29.1945



215.4800, 1.7354, -43.3940



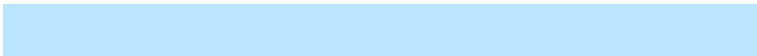
229.4600, 12.5912, 21.5216

Square

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



215.4800, 1.7354, -43.3940



219.4060, 17.5478, -28.4201



224.2020, 3.8444, 27.0098



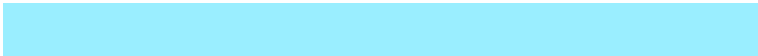
224.9000, -25.0937, 22.0127

Rectangle

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



215.4800, 1.7354, -43.3940



214.8220, 19.8078, -53.3409



224.2020, 3.8444, 27.0098



221.7620, -15.6587, 29.1497

Sweetspot

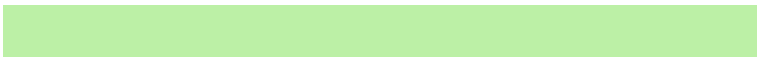
The Sweet Spot groups the original color and five complimentary colors.



215.4800, 1.7354, -43.3940



247.3250, 0.3328, -13.4400



216.0160, -24.6579, -24.5700



123.0590, 0.4639, -8.8217



0.0000, 0.0000, 0.0000



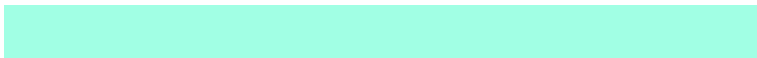
128.0000, 0.0000, 0.0000

Same Dimension

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



215.4800, 1.7354, -43.3940



223.8160, 2.0627, -55.0896



209.0690, 15.2490, -37.7715



115.9560, 0.0217, -6.9774



122.9420, 3.9726, -107.8201



37.4320, 1.2660, -32.8279

Inverse Universe

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



190.5200, -1.7354, 43.3940



192.0700, -2.4995, 55.1896



196.9310, -15.2490, 37.7715



111.9300, -0.4585, 7.0774



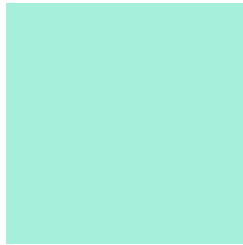
60.9440, -4.4094, 107.9201



18.5680, -1.2660, 32.8279

Previews

White Background



This preview shows how the YUV color 215.4800, 1.7354, -43.3940 looks on a white background.

Color Contrast Check

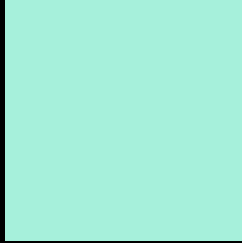
Large Text (above 18pt) WCAG AA × Fail

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 215.4800, 1.7354, -43.3940 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

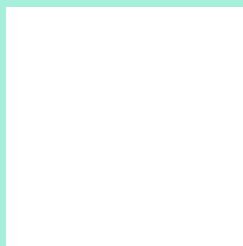
Any Text WCAG AAA ✓ Pass

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

YUV 215.4800, 1.7354, -43.3940 Background



This preview shows how black text looks on a background with the YUV color 215.4800, 1.7354, -43.3940.



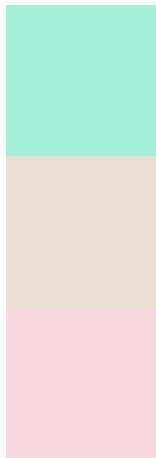
This preview shows how white text looks on a background with the YUV color 215.4800, 1.7354, -43.3940.

-43.3940.

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

215.4800, 1.7354, -43.3940

Protanopia

224.7960, -7.2944, 6.3179

Deuteranopia

226.4690, -1.2172, 17.1287



Tritanopia

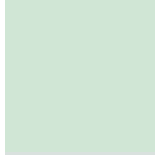
218.9270, 17.2910, -39.4010

Trichromacy



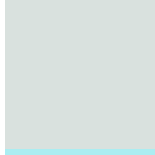
Original Color

215.4800, 1.7354, -43.3940



Protanomaly

221.4840, -4.1826, -11.8255



Deuteranomaly

222.2660, -0.1311, -4.6183



Tritanomaly

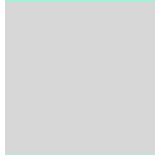
217.7220, 11.4761, -40.9752

Monochromacy



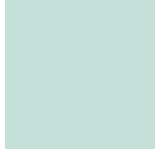
Original Color

215.4800, 1.7354, -43.3940



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.0150, 0.4856, -15.7992

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.4800, 1.7354, -43.3940 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(166, 240, 219)` looks like.

```
.text, #text, p{  
    color:rgb(166, 240, 219)  
}
```

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(166, 240, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 240, 219) }
```

Border

The CSS property to change the border of an element to YUV 215.4800, 1.7354, -43.3940 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(166, 240, 219) }
```


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

```
.border{ border-color:rgb(166, 240, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 240, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 240, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 240, 219);  
box-shadow:4px 4px 4px 4px rgb(166, 240,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 215.4800, 1.7354, -43.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 240, 219) }
```

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

```
.background{ background-color: rgb(166,  
240, 219) }
```

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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