

Converting Colors

YUV(215.1600, 0.4141,
-39.6053)

Have a look what the booklet for
YUV(215.1600, 0.4141, -39.6053)
contains.

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Color

**YUV(215.1600, 0.4141,
-39.6053)**

Conversions

Conversions Part 1

Format	Color
Hex	AAEED8
RGB	170, 238, 216
RGB Percent	67%, 93%, 85%
CMY	0.3333, 0.0667, 0.1529
CMYK	0.29, 0.00, 0.09, 0.07
HSL	161°, 67%, 80%
HSV	161°, 29%, 93%
XYZ	59.5468, 74.6530, 76.2368
YIQ	215.1600, -33.4660, -21.2580

Conversions

Conversions Part 2

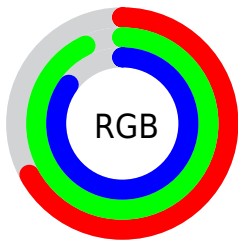
Format	Color
RYB	170, 211, 238
Decimal	11202264
CIELab	89.23, -25.74, 3.84
CIELCh	89, 26.027, 171.525
Yxy	74.6530, 0.2830, 0.3548
Android (android.graphics.Color)	4289392344 (0xFFAAEED8)
YUV	215.1600, 0.4141, -39.6053
Hunter-Lab	86.4020, -28.1842, 8.1668

Details

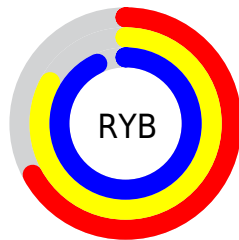
The YUV color $215.1600, 0.4141, -39.6053$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $192.8400, -0.4141, 39.6053$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.6280, 4.1274, -17.2138$, and $159.8720, 0.5561, -38.4757$ is the 20% darker color. If you saturate the color by 10%, you get $207.0720, 0.4575, -53.5601$, and if you desaturate by 10%, it is $223.2480, 0.3707, -25.6505$.

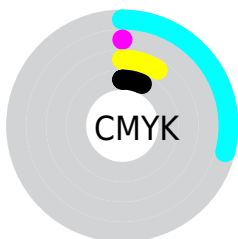
Distribution



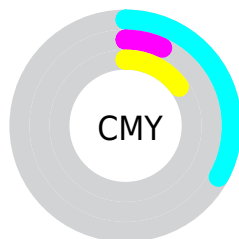
- Red (67%)
- Green (93%)
- Blue (85%)



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



- Cyan (29%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)




- Cyan (33%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.1600, 0.4141, -39.6053 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 215.1600, 0.4141, -39.6053 by changing the saturation by 10% instead.

 215.1600, 0.4141,
-39.6053

 215.1600, 0.4141,
-39.6053

255.0000, 0.0000,
0.0000


 187.4590, 0.2667,
-38.9905


 246.6280, 4.1274,
-17.2138

 159.8720, 0.5561,
-38.4757

 132.9860, 0.9929,
-38.5757

 107.1000, 1.4297,
-38.6757

 81.2140, 1.8665,
-38.7757

 54.0390, 3.9248,
-45.6382

 36.8450, 1.5554,

-32.3131

■ 22.2380, -1.1033,
-19.5027

■ 0.0000, 0.0000,
0.0000

■ 215.1600, 0.4141,
-39.6053

■ 215.1600, 0.4141,
-39.6053

■ 207.0720, 0.4575,
-53.5601

■ 223.2480, 0.3707,
-25.6505

■ 199.0980, 0.9377,
-67.6149

■ 231.2220, -0.1094,
-11.5957

■ 191.3090, 0.8337,
-80.9550

■ 239.0110, -0.0054,
1.7444

■ 183.2210, 0.8770,
-94.9098

■ 244.1090, 1.4253,
9.5514

■ 175.1330, 0.9204,
-108.8646

■ 245.0210, 4.9196,
8.7516

■ 167.1590, 1.4006,
-122.9194

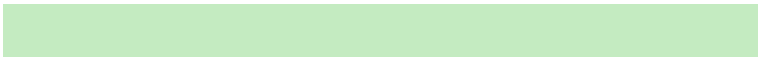
■ 159.0710, 1.4440,
-136.8743

■ 158.0600, 1.4494,
-138.6186

Harmonies

Analogous

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



218.5510, -12.5966, -19.7772



215.1600, 0.4141, -39.6053



213.8240, 13.3978, -50.7116

Triad

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



215.1600, 0.4141, -39.6053



223.6910, 15.4353, -4.1140



221.8930, -17.6952, 29.0348

Complementary

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



215.1600, 0.4141, -39.6053



192.8400, -0.4141, 39.6053

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.



221.3520, -7.0755, 29.5093



215.1600, 0.4141, -39.6053



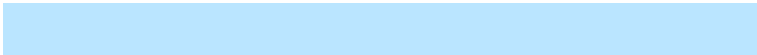
228.2640, 13.1808, 19.0625

Square

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



215.1600, 0.4141, -39.6053



219.1070, 17.6952, -29.0348



224.2020, 3.8444, 27.0098



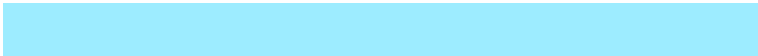
223.8400, -24.0781, 22.9423

Rectangle

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



215.1600, 0.4141, -39.6053



214.5450, 19.9443, -50.4670



224.2020, 3.8444, 27.0098



221.4030, -14.4957, 29.4646

Sweetspot

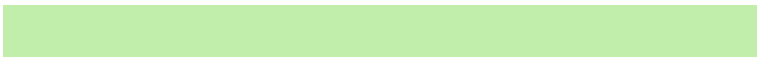
The Sweet Spot groups the original color and five complimentary colors.



215.1600, 0.4141, -39.6053



247.3250, 0.3328, -13.4400



216.7930, -23.0689, -20.8665



122.9450, 0.0271, -8.7218



0.0000, 0.0000, 0.0000



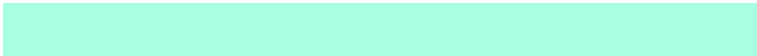
128.0000, 0.0000, 0.0000

Same Dimension

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



215.1600, 0.4141, -39.6053



225.7950, 0.5941, -50.6862



211.2110, 13.2070, -36.1420



115.9560, 0.0217, -6.9774



122.1440, 0.9150, -107.1203



37.2040, 0.3924, -32.6279

Inverse Universe

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



192.8400, -0.4141, 39.6053



197.2050, -0.5941, 50.6862



196.7890, -13.2070, 36.1420



112.0440, -0.0217, 6.9774



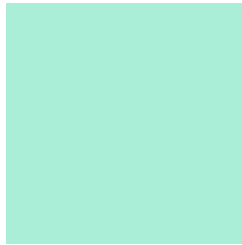
61.7420, -1.3518, 107.2203



18.7960, -0.3924, 32.6279

Previews

White Background



This preview shows how the YUV color 215.1600, 0.4141, -39.6053 looks on a white background.

Color Contrast Check

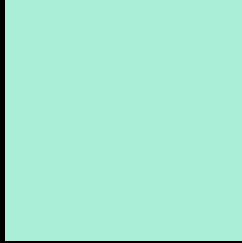
Large Text (above 18pt) WCAG AA × Fail

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 215.1600, 0.4141, -39.6053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

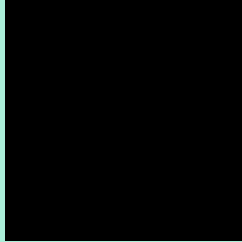
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

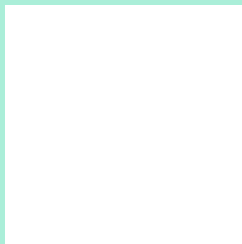
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 215.1600, 0.4141, -39.6053

Background



This preview shows how black text looks on a background with the YUV color 215.1600, 0.4141, -39.6053.



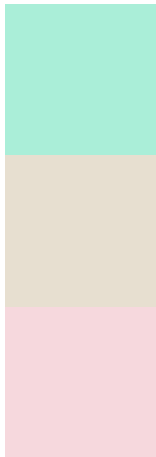
This preview shows how white text looks on a background with the YUV color 215.1600, 0.4141, -39.6053.

-39.6053.

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

215.1600, 0.4141, -39.6053

Protanopia

223.6820, -7.7312, 6.4179

Deuteranopia

225.5400, -2.2382, 17.9434



Tritanopia

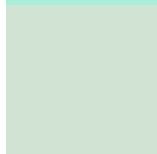
218.3080, 16.1172, -36.2271

Trichromacy



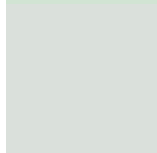
Original Color

215.1600, 0.4141, -39.6053



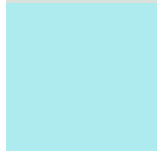
Protanomaly

220.3810, -4.6248, -9.9811



Deuteranomaly

221.6360, -1.2995, -3.1888



Tritanomaly

217.1030, 10.3022, -37.8013

Monochromacy



Original Color

215.1600, 0.4141, -39.6053



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 215.1600, 0.4141, -39.6053 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(170, 238, 216)` looks like.

```
.text, #text, p{  
    color:rgb(170, 238, 216)  
}
```

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(170, 238, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 238, 216) }
```

Border

The CSS property to change the border of an element to YUV 215.1600, 0.4141, -39.6053 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(170, 238, 216) }
```


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

```
.border{ border-color:rgb(170, 238, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 238, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 238, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 238, 216);  
box-shadow:4px 4px 4px 4px rgb(170, 238,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 215.1600, 0.4141, -39.6053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 238, 216) }
```

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

```
.background{ background-color: rgb(170,  
238, 216) }
```

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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