

Converting Colors

YUV(216.5820, 7.1081,
-39.9754)

Have a look what the booklet for
YUV(216.5820, 7.1081, -39.9754)
contains.

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Color

**YUV(216.5820, 7.1081,
-39.9754)**

Conversions

Conversions Part 1

Format	Color
Hex	ABEDE7
RGB	171, 237, 231
RGB Percent	67%, 93%, 91%
CMY	0.3294, 0.0706, 0.0941
CMYK	0.28, 0.00, 0.03, 0.07
HSL	175°, 65%, 80%
HSV	175°, 28%, 93%
XYZ	61.5026, 74.9958, 86.8354
YIQ	216.5820, -37.4100, -15.8580

Conversions

Conversions Part 2

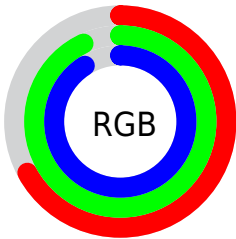
Format	Color
RYB	171, 206, 237
Decimal	11267559
CIELab	89.39, -21.80, -3.76
CIELCh	89, 22.125, 189.790
Yxy	74.9958, 0.2754, 0.3358
Android (android.graphics.Color)	4289457639 (0xFFABE7E7)
YUV	216.5820, 7.1081, -39.9754
Hunter-Lab	86.6001, -24.7812, 1.1690

Details

The YUV color $216.5820, 7.1081, -39.9754$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $191.4180, -7.1081, 39.9754$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.9270, 3.9800, -16.5990$, and $160.8810, 6.9607, -39.3606$ is the 20% darker color. If you saturate the color by 10%, you get $209.1780, 9.7722, -54.5301$, and if you desaturate by 10%, it is $223.9860, 4.4439, -25.4207$.

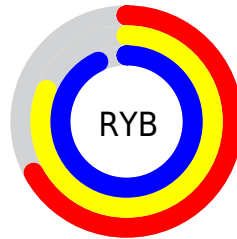
Distribution



Red (67%)

Green (93%)

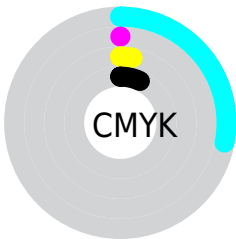
Blue (91%)



Red (67%)

Yellow (81%)

Blue (93%)

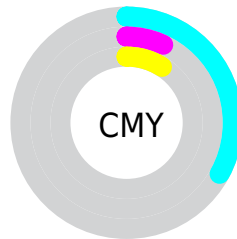


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (7%)



Cyan (33%)

Magenta (7%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.5820, 7.1081, -39.9754 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 216.5820, 7.1081, -39.9754 by changing the saturation by 10% instead.

216.5820, 7.1081,
-39.9754

216.5820, 7.1081,
-39.9754

255.0000, 0.0000,
0.0000

188.5820, 7.1081,
-39.9754

246.9270, 3.9800,
-16.5990

160.8810, 6.9607,
-39.3606

134.2940, 7.2501,
-38.8458

108.2940, 7.2501,
-38.8458

82.3970, 7.6923,
-40.6902

54.2220, 9.7506,
-47.5527

38.2130, 6.7970,

-33.5128

■ 23.4920, 3.7014,
-20.6025

■ 0.7980, 3.0576,
-0.6998

■ 216.5820, 7.1081,
-39.9754

■ 216.5820, 7.1081,
-39.9754

■ 209.1780, 9.7722,
-54.5301

■ 223.9860, 4.4439,
-25.4207

■ 202.0730, 12.2890,
-68.4700

■ 231.0910, 1.9271,
-11.4808

■ 194.6690, 14.9532,
-83.0247

■ 238.4950, -0.7370,
3.0739

■ 187.1510, 17.1806,
-97.4794

■ 242.7240, -1.3429,
10.7661

■ 179.7470, 19.8447,
-112.0341

■ 242.9520, -0.4693,
10.5661

■ 172.6420, 22.3615,
-125.9740

■ 243.1800, 0.4043,
10.3661

■ 165.2380, 25.0257,
-140.5287

■ 243.4080, 1.2779,
10.1662

■ 163.6290, 25.3259,
-143.5026

■ 243.6360, 2.1515,
9.9662

■ 243.8640, 3.0250,
9.7663

Harmonies

Analogous

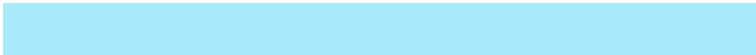
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.2710, -4.5706, -27.4247



216.5820, 7.1081, -39.9754



217.0900, 16.7176, -42.1749

Triad

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



216.5820, 7.1081, -39.9754



227.3120, 13.6502, 8.4964



225.1160, -19.2842, 25.3313

Complementary

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



216.5820, 7.1081, -39.9754



191.4180, -7.1081, 39.9754

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.



223.9620, -12.3063, 27.2203



216.5820, 7.1081, -39.9754



228.0490, 5.8918, 23.6360

Square

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



216.5820, 7.1081, -39.9754



223.3480, 15.6044, -11.7062



224.3670, -3.1389, 26.8651



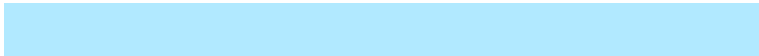
222.9030, -19.6722, 9.7321

Rectangle

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



216.5820, 7.1081, -39.9754



218.7640, 17.8643, -36.6270



224.3670, -3.1389, 26.8651



224.5830, -17.5424, 26.6757

Sweetspot

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



216.5820, 7.1081, -39.9754



248.7920, 2.0745, -12.0956



211.8350, -20.1317, -29.6733



123.8850, 1.0427, -7.7921



0.0000, 0.0000, 0.0000



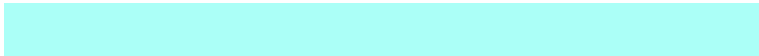
128.0000, 0.0000, 0.0000

Same Dimension

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



216.5820, 7.1081, -39.9754



228.9720, 8.8878, -50.8414



202.0040, 17.2530, -27.1905



113.5970, 1.1847, -6.6626



125.0570, 19.6919, -109.6750



37.2840, 5.7760, -32.6981

Inverse Universe

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



191.4180, -7.1081, 39.9754



197.0280, -8.8878, 50.8414



205.9960, -17.2530, 27.1905



109.4030, -1.1847, 6.6626



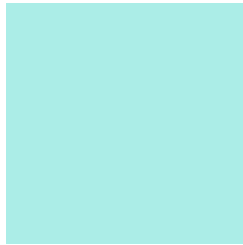
55.9430, -19.6919, 109.6750



16.7160, -5.7760, 32.6981

Previews

White Background



This preview shows how the YUV color 216.5820, 7.1081, -39.9754 looks on a white background.

Color Contrast Check

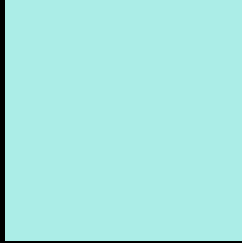
Large Text (above 18pt) WCAG AA × Fail

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 216.5820, 7.1081, -39.9754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

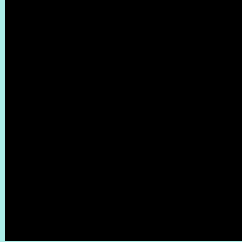
Any Text WCAG AA ✓ Pass

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 216.5820, 7.1081, -39.9754 Background



This preview shows how black text looks on a background with the YUV color 216.5820, 7.1081, -39.9754.



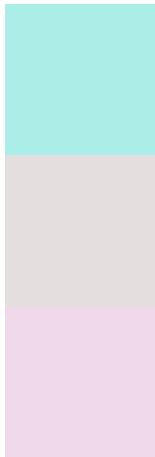
This preview shows how white text looks on a background with the YUV color 216.5820, 7.1081, -39.9754.

-39.9754.

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

216.5820, 7.1081, -39.9754

Protanopia

224.4950, -0.7370, 3.0739

Deuteranopia

225.9290, 4.4720, 12.3403



Tritanopia

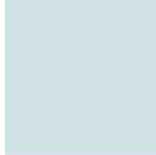
218.7100, 16.4120, -37.4567

Trichromacy



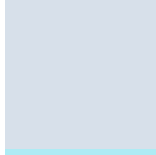
Original Color

216.5820, 7.1081, -39.9754



Protanomaly

221.4930, 2.2220, -12.7104



Deuteranomaly

222.4490, 5.6946, -6.5328



Tritanomaly

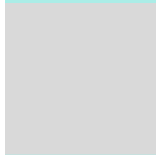
217.7870, 12.9230, -38.4012

Monochromacy



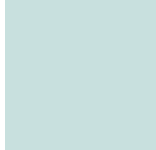
Original Color

216.5820, 7.1081, -39.9754



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

216.5960, 2.6642, -14.5547

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.5820, 7.1081, -39.9754 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(171, 237, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 237, 231) }
```

Border

The CSS property to change the border of an element to YUV 216.5820, 7.1081, -39.9754 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, 231) }
```


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

```
.border{ border-color:rgb(171, 237, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 237, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 237, 231);  
box-shadow:4px 4px 4px 4px rgb(171, 237,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 216.5820, 7.1081, -39.9754 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, 231) }
```

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

```
.background{ background-color: rgb(171,  
237, 231) }
```

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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