

Converting Colors

YUV(217.0190, 0.9766,
-33.3427)

Have a look what the booklet for
YUV(217.0190, 0.9766, -33.3427)
contains.

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Color

**YUV(217.0190, 0.9766,
-33.3427)**

Conversions

Conversions Part 1

Format	Color
Hex	B3ECDB
RGB	179, 236, 219
RGB Percent	70%, 93%, 86%
CMY	0.2980, 0.0745, 0.1412
CMYK	0.24, 0.00, 0.07, 0.07
HSL	162°, 60%, 81%
HSV	162°, 24%, 93%
XYZ	61.3720, 74.6891, 78.1996
YIQ	217.0190, -28.5150, -17.3710

Conversions

Conversions Part 2

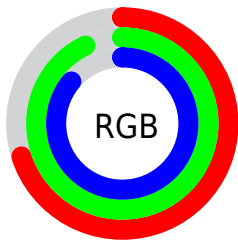
Format	Color
RYB	179, 212, 236
Decimal	11791579
CIELab	89.25, -21.49, 2.35
CIELCh	89, 21.617, 173.748
Yxy	74.6891, 0.2864, 0.3486
Android (android.graphics.Color)	4289981659 (0xFFB3ECDB)
YUV	217.0190, 0.9766, -33.3427
Hunter-Lab	86.4228, -24.4806, 6.8475

Details

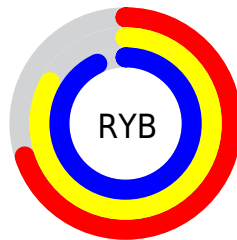
The YUV color $217.0190, 0.9766, -33.3427$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $197.9810, -0.9766, 33.3427$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3190, 2.8007, -11.6808$, and $161.7310, 1.1186, -32.2131$ is the 20% darker color. If you saturate the color by 10%, you get $209.0450, 1.4568, -47.3975$, and if you desaturate by 10%, it is $224.9930, 0.4965, -19.2879$.

Distribution



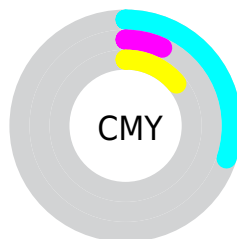
- Red (70%)
- Green (93%)
- Blue (86%)



- Red (70%)
- Yellow (83%)
- Blue (93%)



- Cyan (24%)
- Magenta (0%)
- Yellow (7%)
- Black (7%)



- Cyan (30%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 217.0190, 0.9766, -33.3427 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 217.0190, 0.9766, -33.3427 by changing the saturation by 10% instead.


 217.0190, 0.9766,
-33.3427

 217.0190, 0.9766,
-33.3427


255.0000, 0.0000,
0.0000


 189.3180, 0.8292,
-32.7279


 249.3190, 2.8007,
-11.6808

 161.7310, 1.1186,
-32.2131

 135.1440, 1.4080,
-31.6983

 109.4430, 1.2606,
-31.0835

 84.2580, 1.8448,
-31.7983

 59.7740, 2.5764,
-33.1278

 36.6000, 3.1552,

-32.0982

■ 21.8790, 0.0597,
-19.1879

■ 0.0000, 0.0000,
0.0000

■ 217.0190, 0.9766,
-33.3427

■ 217.0190, 0.9766,
-33.3427

■ 209.0450, 1.4568,
-47.3975

■ 224.9930, 0.4965,
-19.2879

■ 201.3700, 1.7896,
-60.8375

■ 232.6680, 0.1637,
-5.8478

■ 193.3960, 2.2698,
-74.8923

■ 240.6420, -0.3165,
8.2070

■ 185.7210, 2.6025,
-88.3323

■ 242.9350, 2.0040,
10.5810

■ 177.7470, 3.0827,
-102.3871

■ 243.7330, 5.0616,
9.8812

■ 169.7730, 3.5629,
-116.4419

■ 243.8470, 5.4984,
9.7812

■ 162.0980, 3.8957,
-129.8819

■ 157.4560, 4.2122,
-138.0889

Harmonies

Analogous

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



218.9580, -9.8393, -17.5032



217.0190, 0.9766, -33.3427



216.4230, 11.6235, -41.5900

Triad

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



217.0190, 0.9766, -33.3427



224.8870, 14.8457, -1.6549



224.3380, -15.9426, 26.8906

Complementary

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



217.0190, 0.9766, -33.3427



197.9810, -0.9766, 33.3427

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.



223.9280, -7.3595, 27.2501



217.0190, 0.9766, -33.3427



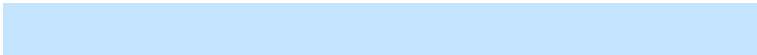
227.8570, 10.4235, 16.7884

Square

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



217.0190, 0.9766, -33.3427



220.9230, 16.8000, -21.8575



225.6210, 1.6658, 25.7654



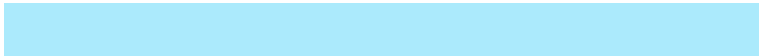
223.9580, -19.6993, 18.4538

Rectangle

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



217.0190, 0.9766, -33.3427



217.2150, 17.1490, -40.5306



225.6210, 1.6658, 25.7654



223.7340, -13.1799, 27.4203

Sweetspot

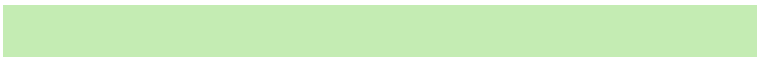
The Sweet Spot groups the original color and five complimentary colors.



217.0190, 0.9766, -33.3427



249.0480, 0.4693, -10.5661



217.5420, -19.0012, -18.8923



124.2550, -0.1257, -6.3626



0.0000, 0.0000, 0.0000



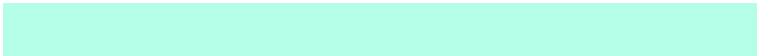
128.0000, 0.0000, 0.0000

Same Dimension

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



217.0190, 0.9766, -33.3427



230.3660, 1.2986, -43.2940



212.5000, 11.5855, -29.3795



113.3690, 0.3111, -6.4626



120.7250, 3.0936, -105.8758



36.0300, 0.9712, -31.5983

Inverse Universe

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



197.9810, -0.9766, 33.3427



205.6340, -1.2986, 43.2940



202.5000, -11.5855, 29.3795



109.6310, -0.3111, 6.4626



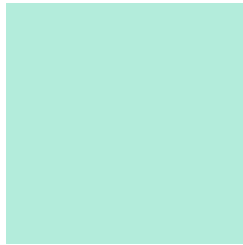
60.2750, -3.0936, 105.8758



17.9700, -0.9712, 31.5983

Previews

White Background



This preview shows how the YUV color 217.0190, 0.9766, -33.3427 looks on a white background.

Color Contrast Check

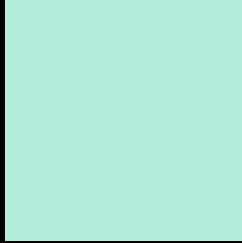
Large Text (above 18pt) WCAG AA × Fail

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 217.0190, 0.9766, -33.3427 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

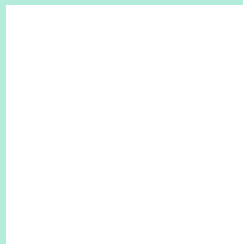
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.0190, 0.9766, -33.3427

Background



This preview shows how black text looks on a background with the YUV color 217.0190, 0.9766, -33.3427.



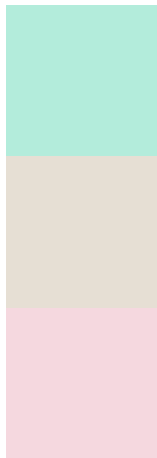
This preview shows how white text looks on a background with the YUV color 217.0190, 0.9766,

-33.3427.

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

217.0190, 0.9766, -33.3427

Protanopia

223.8390, -5.8366, 5.4032

Deuteranopia

225.4690, -1.2172, 17.1287



Tritanopia

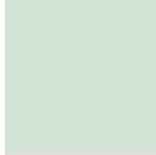
219.4120, 15.0799, -30.1793

Trichromacy



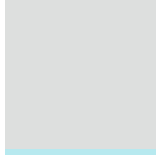
Original Color

217.0190, 0.9766, -33.3427



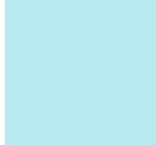
Protanomaly

221.4350, -3.1725, -9.1515



Deuteranomaly

222.2880, -0.1420, -1.1296



Tritanomaly

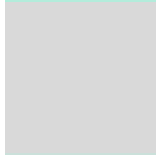
218.7340, 9.9911, -31.3387

Monochromacy



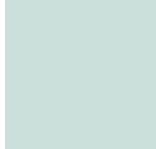
Original Color

217.0190, 0.9766, -33.3427



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

217.0370, 0.4748, -12.3104

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.0190, 0.9766, -33.3427 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(179, 236, 219)` looks like.

```
.text, #text, p{  
    color:rgb(179, 236, 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(179, 236, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 236, 219) }
```

Border

The CSS property to change the border of an element to YUV 217.0190, 0.9766, -33.3427 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(179, 236, 219) }
```


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

```
.border{ border-color:rgb(179, 236, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 236, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 236, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 236, 219);  
box-shadow:4px 4px 4px 4px rgb(179, 236,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 217.0190, 0.9766, -33.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 236, 219) }
```

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

```
.background{ background-color: rgb(179,  
236, 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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