

# Converting Colors

YUV(218.0190, 0.9766,  
-33.3427)

Have a look what the booklet for  
YUV(218.0190, 0.9766, -33.3427)  
contains.

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# Color

**YUV(218.0190, 0.9766,  
-33.3427)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4EDDC
RGB	180, 237, 220
RGB Percent	71%, 93%, 86%
CMY	0.2941, 0.0706, 0.1373
CMYK	0.24, 0.00, 0.07, 0.07
HSL	162°, 61%, 82%
HSV	162°, 24%, 93%
XYZ	62.0248, 75.4390, 79.0023
YIQ	218.0190, -28.5150, -17.3710

# Conversions

## Conversions Part 2

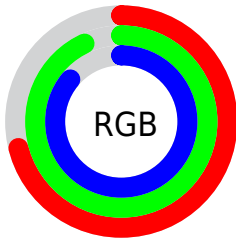
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 213, 237
Decimal	11857372
CIE <sub>Lab</sub>	89.60, -21.48, 2.35
CIE <sub>LCh</sub>	90, 21.603, 173.759
Yxy	75.4390, 0.2865, 0.3485
Android (android.graphics.Color)	4290047452 (0xFFB4EDDC)
YUV	218.0190, 0.9766, -33.3427
Hunter-Lab	86.8556, -24.5279, 6.8698

# Details

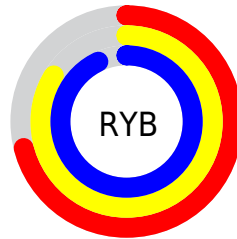
The YUV color  $218.0190, 0.9766, -33.3427$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $198.9810, -0.9766, 33.3427$ , and the grayscale version is  $218.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.6180, 2.6533, -11.0660$ , and  $162.7310, 1.1186, -32.2131$  is the 20% darker color. If you saturate the color by 10%, you get  $210.0450, 1.4568, -47.3975$ , and if you desaturate by 10%, it is  $225.9930, 0.4965, -19.2879$ .

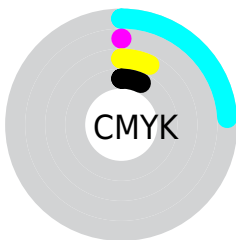
# Distribution



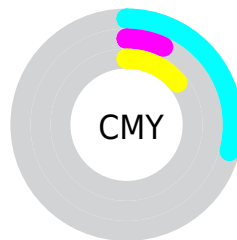
- Red (71%)
- Green (93%)
- Blue (86%)



- Red (71%)
- Yellow (84%)
- Blue (93%)



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



- Cyan (29%)
- Magenta (7%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 218.0190, 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 218.0190, 0.9766, -33.3427 by changing the saturation by 10% instead.



■ 218.0190, 0.9766,  
-33.3427

■ 218.0190, 0.9766,  
-33.3427

255.0000, 0.0000,  
0.0000

■ 190.3180, 0.8292,  
-32.7279

■ 249.6180, 2.6533,  
-11.0660

■ 162.7310, 1.1186,  
-32.2131

■ 136.1440, 1.4080,  
-31.6983

■ 110.1440, 1.4080,  
-31.6983

■ 85.2580, 1.8448,  
-31.7983

■ 60.1870, 2.8658,  
-32.6130

■ 37.1870, 2.8658,

-32.6130

■ 22.5800, 0.2071,  
-19.8027

■ 0.0000, 0.0000,  
0.0000

■ 218.0190, 0.9766,  
-33.3427

■ 218.0190, 0.9766,  
-33.3427

■ 210.0450, 1.4568,  
-47.3975

■ 225.9930, 0.4965,  
-19.2879

■ 202.3700, 1.7896,  
-60.8375

■ 233.6680, 0.1637,  
-5.8478

■ 194.3960, 2.2698,  
-74.8923

■ 241.6420, -0.3165,  
8.2070

■ 186.4220, 2.7500,  
-88.9471

■ 243.6360, 2.1515,  
9.9662

■ 178.7470, 3.0827,  
-102.3871

■ 244.4340, 5.2090,  
9.2664

■ 170.7730, 3.5629,  
-116.4419

■ 162.7990, 4.0431,  
-130.4967

■ 158.0430, 3.9228,  
-138.6037

# Harmonies

## Analogous

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



219.9580, -9.8393, -17.5032



218.0190, 0.9766, -33.3427



217.4230, 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.



218.0190, 0.9766, -33.3427



225.7730, 14.4089, -1.5549



225.0390, -15.7952, 26.2758

# Complementary

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



218.0190, 0.9766, -33.3427



198.9810, -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.



224.6290, -7.2121, 26.6354



218.0190, 0.9766, -33.3427



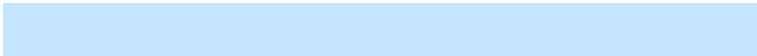
228.8570, 10.4235, 16.7884

# Square

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



218.0190, 0.9766, -33.3427



221.8090, 16.3632, -21.7575



226.3220, 1.8133, 25.1506



224.9580, -19.6993, 18.4538

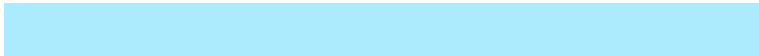


# Rectangle

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



218.0190, 0.9766, -33.3427



218.2150, 17.1490, -40.5306



226.3220, 1.8133, 25.1506



224.4350, -13.0325, 26.8055

# Sweetspot

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



218.0190, 0.9766, -33.3427



249.0480, 0.4693, -10.5661



218.5420, -19.0012, -18.8923



124.2550, -0.1257, -6.3626



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

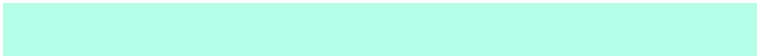


# Same Dimension

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



218.0190, 0.9766, -33.3427



230.3660, 1.2986, -43.2940



213.5000, 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.



198.9810, -0.9766, 33.3427



205.6340, -1.2986, 43.2940



203.5000, -11.5855, 29.3795



109.6310, -0.3111, 6.4626



60.2750, -3.0936, 105.8758

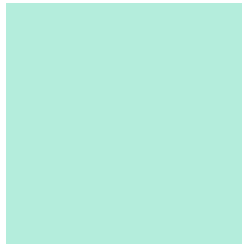


17.9700, -0.9712, 31.5983



# Previews

## White Background



This preview shows how the YUV color 218.0190, 0.9766, -33.3427 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

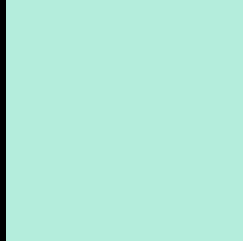
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 218.0190, 0.9766, -33.3427 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

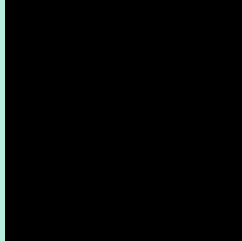
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

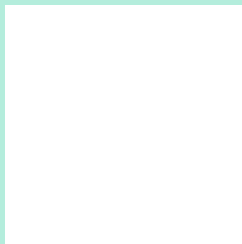
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 218.0190, 0.9766, -33.3427

## Background



This preview shows how black text looks on a background with the YUV color 218.0190, 0.9766, -33.3427.



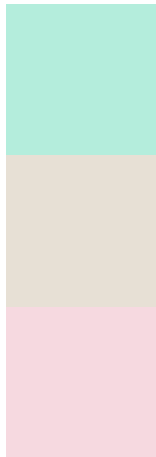
This preview shows how white text looks on a background with the YUV color 218.0190, 0.9766,

-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

218.0190, 0.9766, -33.3427

### Protanopia

224.8390, -5.8366, 5.4032

### Deuteranopia

226.4690, -1.2172, 17.1287



## Tritanopia

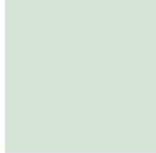
220.4120, 15.0799, -30.1793

# Trichromacy



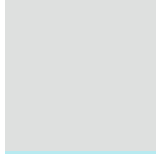
## Original Color

218.0190, 0.9766, -33.3427



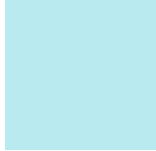
## Protanomaly

222.4350, -3.1725, -9.1515



## Deuteranomaly

223.2880, -0.1420, -1.1296



## Tritanomaly

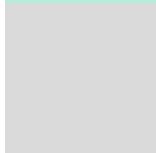
219.7340, 9.9911, -31.3387

# Monochromacy



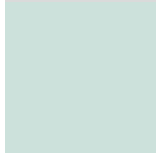
## Original Color

218.0190, 0.9766, -33.3427



## Achromatopsia

218.0000, 0.0000, 0.0000



## Achromatomaly

218.0370, 0.4748, -12.3104

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 218.0190, 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(180, 237, 220)` looks like.

```
.text, #text, p{  
    color:rgb(180, 237, 220)  
}
```

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(180, 237, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 237, 220) }
```

## Border

The CSS property to change the border of an element to YUV 218.0190, 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(180, 237, 220) }
```



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

```
.border{ border-color:rgb(180, 237, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 237, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 237, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 237, 220);  
box-shadow:4px 4px 4px 4px rgb(180, 237,  
220) }
```

# Background

The CSS property to change the background color of an element to YUV 218.0190, 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(180, 237, 220) }
```

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

```
.background{ background-color: rgb(180,  
237, 220) }
```

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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