

# Converting Colors

YUV(218.1590, 5.3446,  
-34.3424)

Have a look what the booklet for  
YUV(218.1590, 5.3446, -34.3424)  
contains.

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# Color

**YUV(218.1590, 5.3446,  
-34.3424)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3ECE5
RGB	179, 236, 229
RGB Percent	70%, 93%, 90%
CMY	0.2980, 0.0745, 0.1020
CMYK	0.24, 0.00, 0.03, 0.07
HSL	173°, 60%, 81%
HSV	173°, 24%, 93%
XYZ	62.7287, 75.2318, 85.3438
YIQ	218.1590, -31.7250, -14.2610

# Conversions

## Conversions Part 2

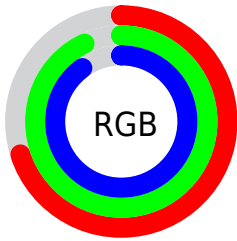
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 209, 236
Decimal	11791589
CIE <sub>Lab</sub>	89.50, -19.42, -2.50
CIE <sub>LCh</sub>	90, 19.584, 187.345
Yxy	75.2318, 0.2809, 0.3369
Android (android.graphics.Color)	4289981669 (0xFFB3ECE5)
YUV	218.1590, 5.3446, -34.3424
Hunter-Lab	86.7362, -22.6950, 2.3772

# Details

The YUV color **218.1590, 5.3446, -34.3424** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **196.8410, -5.3446, 34.3424**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.3190, 2.8007, -11.6808**, and **162.8710, 5.4866, -33.2129** is the 20% darker color. If you saturate the color by 10%, you get **210.6410, 7.5720, -48.7972**, and if you desaturate by 10%, it is **225.6770, 3.1172, -19.8877**.

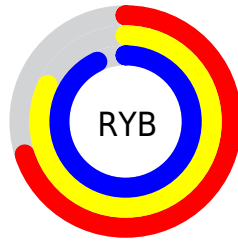
# Distribution



Red (70%)

Green (93%)

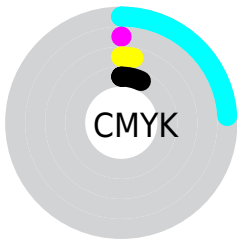
Blue (90%)



Red (70%)

Yellow (82%)

Blue (93%)

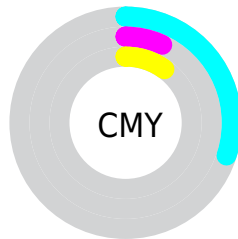


Cyan (24%)

Magenta (0%)

Yellow (3%)

Black (7%)



Cyan (30%)

Magenta (7%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 218.1590, 5.3446, -34.3424 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 218.1590, 5.3446, -34.3424 by changing the saturation by 10% instead.



■ 218.1590, 5.3446,  
-34.3424

■ 218.1590, 5.3446,  
-34.3424

255.0000, 0.0000,  
0.0000

■ 190.4580, 5.1972,  
-33.7277

■ 249.3190, 2.8007,  
-11.6808

■ 162.8710, 5.4866,  
-33.2129

■ 136.1700, 5.3392,  
-32.5981

■ 110.1700, 5.3392,  
-32.5981

■ 85.2840, 5.7760,  
-32.6981

■ 60.0880, 6.3656,  
-35.1572

■ 37.9850, 5.9234,

-33.3128

■ 22.6770, 3.1172,  
-19.8877

■ 0.4560, 1.7472,  
-0.3999

■ 218.1590, 5.3446,  
-34.3424

■ 218.1590, 5.3446,  
-34.3424

■ 210.6410, 7.5720,  
-48.7972

■ 225.6770, 3.1172,  
-19.8877

■ 203.4220, 9.6520,  
-62.6371

■ 232.8960, 1.0373,  
-6.0478

■ 195.9040, 11.8793,  
-77.0918

■ 240.4140, -1.1901,  
8.4069

■ 188.6850, 13.9593,  
-90.9317

■ 242.2510, -0.6167,  
11.1809

■ 181.2810, 16.6235,  
-105.4864

■ 242.4790, 0.2569,  
10.9809

■ 173.7630, 18.8508,  
-119.9412

■ 242.8210, 1.5672,  
10.6810

■ 166.5440, 20.9308,  
-133.7811

■ 243.1630, 2.8776,  
10.3810

■ 162.1300, 22.1209,  
-142.1880

■ 243.5050, 4.1880,  
10.0811

■ 243.8470, 5.4984,  
9.7812

# Harmonies

## Analogous

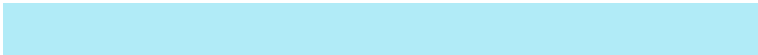
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.5920, -4.7289, -23.3212



218.1590, 5.3446, -34.3424



219.0260, 13.7912, -36.8568

# Triad

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



218.1590, 5.3446, -34.3424



227.5890, 13.5136, 5.6224



225.9740, -17.2422, 23.7018

# Complementary

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



218.1590, 5.3446, -34.3424



196.8410, -5.3446, 34.3424

# 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.



225.0050, -10.8485, 26.3056



218.1590, 5.3446, -34.3424



228.9240, 5.4605, 21.9917

# Square

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



218.1590, 5.3446, -34.3424



223.9350, 15.3150, -12.2210



225.8830, -2.4073, 25.5356



223.7720, -17.6356, 9.8470

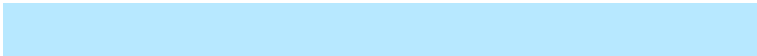


# Rectangle

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



218.1590, 5.3446, -34.3424



219.9710, 17.2693, -32.4236



225.8830, -2.4073, 25.5356



225.7400, -15.6478, 25.6610

# Sweetspot

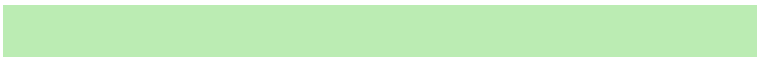
The Sweet Spot groups the original color and five complimentary colors.



218.1590, 5.3446, -34.3424



249.3900, 1.7797, -10.8660



214.8510, -17.6745, -24.4253



124.4830, 0.7479, -6.5626



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

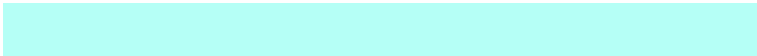


# Same Dimension

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



218.1590, 5.3446, -34.3424



231.8480, 6.9769, -44.5937



206.6300, 14.4794, -24.2315



113.5970, 1.1847, -6.6626



124.3730, 17.0711, -109.0751



37.0560, 4.9024, -32.4981



# Inverse Universe

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



196.8410, -5.3446, 34.3424



204.1520, -6.9769, 44.5937



208.3700, -14.4794, 24.2315



109.4030, -1.1847, 6.6626



56.6270, -17.0711, 109.0751

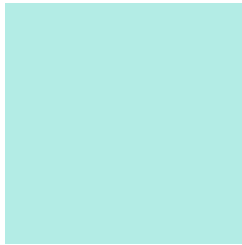


16.9440, -4.9024, 32.4981



# Previews

## White Background



This preview shows how the YUV color 218.1590, 5.3446, -34.3424 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

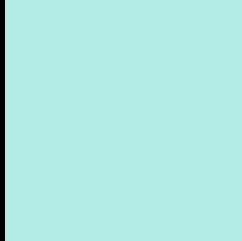
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 218.1590, 5.3446, -34.3424 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

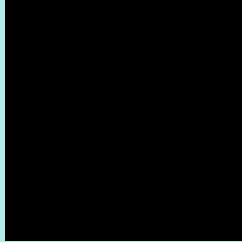
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

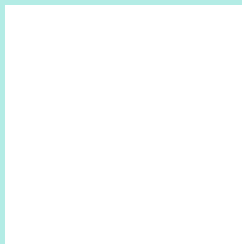
Any Text WCAG AAA ✓ Pass

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

# YUV 218.1590, 5.3446, -34.3424 Background



This preview shows how black text looks on a background with the YUV color 218.1590, 5.3446, -34.3424.



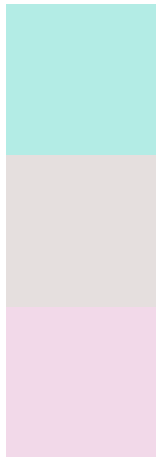
This preview shows how white text looks on a background with the YUV color 218.1590, 5.3446,

-34.3424.

# 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

218.1590, 5.3446, -34.3424

### Protanopia

224.6800, -1.3212, 3.7886

### Deuteranopia

226.2990, 3.3036, 13.7698



## Tritanopia

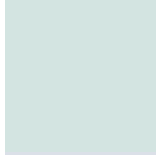
220.4010, 15.0853, -31.9237

# Trichromacy



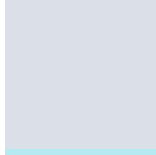
## Original Color

218.1590, 5.3446, -34.3424



## Protanomaly

222.5750, 1.1955, -10.1513



## Deuteranomaly

223.4170, 4.2314, -3.8737



## Tritanomaly

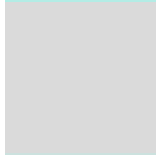
219.4780, 11.5963, -32.8682

# Monochromacy



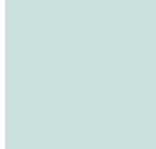
## Original Color

218.1590, 5.3446, -34.3424



## Achromatopsia

218.0000, 0.0000, 0.0000



## Achromatomaly

218.3790, 1.7852, -12.6104

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 218.1590, 5.3446, -34.3424 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(179, 236, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 236, 229) }
```

## Border

The CSS property to change the border of an element to YUV 218.1590, 5.3446, -34.3424 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, 229) }
```



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

```
.border{ border-color:rgb(179, 236, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 236, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 236, 229);  
box-shadow:4px 4px 4px 4px rgb(179, 236,  
229) }
```

# Background

The CSS property to change the background color of an element to YUV 218.1590, 5.3446, -34.3424 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, 229) }
```

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

```
.background{ background-color: rgb(179,  
236, 229) }
```

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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