

# Converting Colors

YUV(213.7810, 15.3910,  
-36.6419)

Have a look what the booklet for  
YUV(213.7810, 15.3910, -36.6419)  
contains.

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# Color

**YUV(213.7810, 15.3910,  
-36.6419)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACE5F5
RGB	172, 229, 245
RGB Percent	67%, 90%, 96%
CMY	0.3255, 0.1020, 0.0392
CMYK	0.30, 0.07, 0.00, 0.04
HSL	193°, 78%, 82%
HSV	193°, 30%, 96%
XYZ	61.5140, 71.4019, 96.9260
YIQ	213.7810, -39.1080, -7.1080

# Conversions

## Conversions Part 2

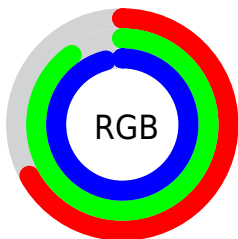
Format	Color
R <sub>Y</sub> B	172, 204, 245
Decimal	11331061
CIE Lab	87.68, -14.40, -13.63
CIE LCh	88, 19.831, 223.436
Yxy	71.4019, 0.2676, 0.3107
Android (android.graphics.Color)	4289521141 (0xFFACE5F5)
YUV	213.7810, 15.3910, -36.6419
Hunter-Lab	84.4996, -17.9300, -8.8594

# Details

The YUV color **213.7810, 15.3910, -36.6419** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **203.2190, -15.3910, 36.6419**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.2260, 3.8326, -15.9842**, and **158.0800, 15.2436, -36.0272** is the 20% darker color. If you saturate the color by 10%, you get **203.6700, 20.3757, -48.8226**, and if you desaturate by 10%, it is **224.1910, 10.2588, -23.8465**.

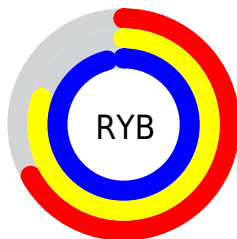
# Distribution



Red (67%)

Green (90%)

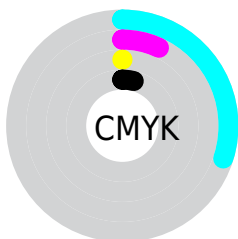
Blue (96%)



Red (67%)

Yellow (80%)

Blue (96%)

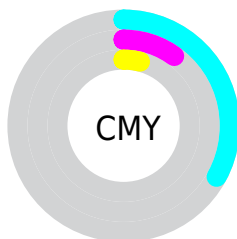


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (10%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 213.7810, 15.3910, -36.6419 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 213.7810, 15.3910, -36.6419 by changing the saturation by 10% instead.



■ 213.7810, 15.3910,  
-36.6419

■ 213.7810, 15.3910,  
-36.6419

255.0000, 0.0000,  
0.0000

■ 185.7810, 15.3910,  
-36.6419

■ 247.2260, 3.8326,  
-15.9842

■ 158.0800, 15.2436,  
-36.0272

■ 131.9660, 14.8068,  
-35.9272

■ 105.5530, 14.5174,  
-36.4420

■ 79.9550, 14.8122,  
-37.6715

■ 52.0680, 16.7285,  
-45.6636

■ 36.5320, 13.0487,

-32.0386

■ 21.6970, 9.5164,  
-19.0283

■ 2.8670, 8.4466,  
-2.5144

■ 213.7810, 15.3910,  
-36.6419

■ 213.7810, 15.3910,  
-36.6419

■ 203.6700, 20.3757,  
-48.8226

■ 224.1910, 10.2588,  
-23.8465

■ 192.6730, 25.7972,  
-61.1032

■ 234.8890, 4.9847,  
-12.1807

■ 182.5620, 30.7819,  
-73.2839

■ 245.2990, -0.1474,  
0.6148

■ 172.1520, 35.9141,  
-86.0793

■ 250.9250, -2.9210,  
3.5738

■ 161.4540, 41.1882,  
-97.7452

■ 253.8600, -4.3680,  
0.9998

■ 151.0440, 46.3203,  
-110.5406

■ 140.3460, 51.5944,  
-122.2064

■ 140.0470, 51.7418,  
-122.8212

# Harmonies

## Analogous

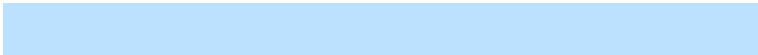
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.0170, 7.3866, -35.9719



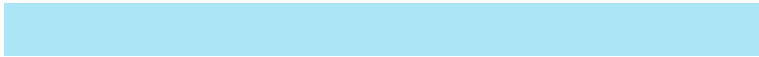
213.7810, 15.3910, -36.6419



217.0580, 18.7054, -26.3609

# Triad

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



213.7810, 15.3910, -36.6419



223.4790, 3.7079, 24.1359



218.1630, -17.3354, 6.8730

# Complementary

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



213.7810, 15.3910, -36.6419



203.2190, -15.3910, 36.6419

# 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.



220.4360, -17.9629, 21.5426



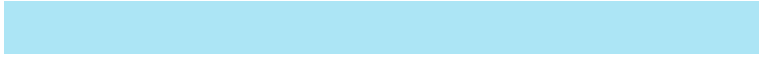
213.7810, 15.3910, -36.6419



221.9220, -4.8915, 29.0094

# Square

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



213.7810, 15.3910, -36.6419



222.5680, 12.0450, 10.0259



221.7450, -13.1853, 29.1646



216.1330, -11.8976, -10.6406



# Rectangle

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



213.7810, 15.3910, -36.6419



219.1950, 17.6519, -15.0800



221.7450, -13.1853, 29.1646



218.9680, -18.2252, 12.3061

# Sweetspot

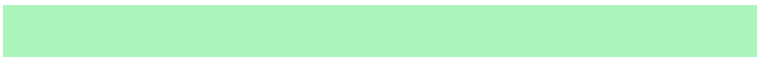
The Sweet Spot groups the original color and five complimentary colors.



213.7810, 15.3910, -36.6419



245.1880, 4.8373, -11.5659



216.6750, -14.1368, -39.1800



121.1670, 3.3687, -7.1625



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.



213.7810, 15.3910, -36.6419



215.7520, 19.3493, -46.2635



192.6490, 25.8090, -18.1092



117.2380, 2.3477, -6.3477



106.3190, 39.2827, -93.2418



33.7280, 12.4591, -29.5795



# Inverse Universe

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



200.3250, 14.1368, 39.1800



198.7160, 17.8880, 49.3611



224.3510, -25.8090, 18.1092



114.7280, 2.5991, 6.3775



72.1440, 35.9180, 99.8517

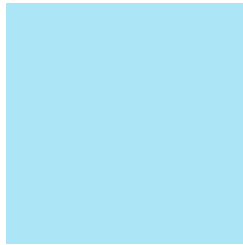


22.8850, 11.3957, 31.6729



# Previews

## White Background



This preview shows how the YUV color 213.7810, 15.3910, -36.6419 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

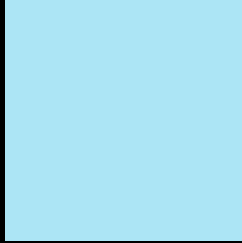
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 213.7810, 15.3910, -36.6419 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

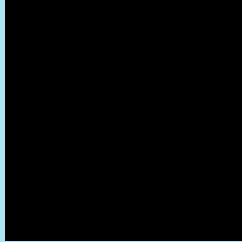
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 213.7810, 15.3910, -36.6419

## Background



This preview shows how black text looks on a background with the YUV color 213.7810, 15.3910, -36.6419.



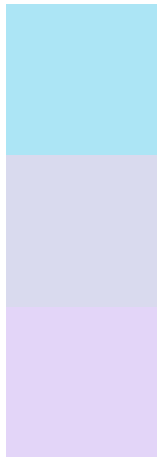
This preview shows how white text looks on a background with the YUV color 213.7810, 15.3910,

-36.6419.

# 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

213.7810, 15.3910, -36.6419

### Protanopia

219.9810, 8.8834, -2.6143

### Deuteranopia

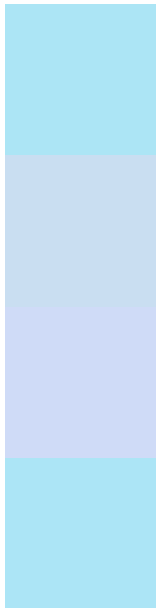
221.1760, 13.2242, 5.1076



## Tritanopia

214.0090, 16.2646, -36.8419

# Trichromacy



## Original Color

213.7810, 15.3910, -36.6419

## Protanomaly

217.8870, 11.3947, -14.8099

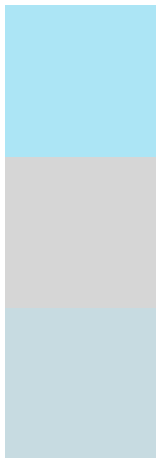
## Deuteranomaly

218.6040, 13.9992, -10.1767

## Tritanomaly

213.8950, 15.8278, -36.7419

# Monochromacy



## Original Color

213.7810, 15.3910, -36.6419

## Achromatopsia

214.0000, 0.0000, 0.0000

## Achromatomaly

213.7040, 5.5689, -12.8954

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 213.7810, 15.3910, -36.6419 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(172, 229, 245)` looks like.

```
.text, #text, p{  
    color:rgb(172, 229, 245)  
}
```

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(172, 229, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 229, 245) }
```

## Border

The CSS property to change the border of an element to YUV 213.7810, 15.3910, -36.6419 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(172, 229, 245) }
```



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

```
.border{ border-color:rgb(172, 229, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 229, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 229, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 229, 245); box-shadow:4px 4px 4px 4px rgb(172, 229, 245) }
```

# Background

The CSS property to change the background color of an element to YUV 213.7810, 15.3910, -36.6419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 229, 245) }
```

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

```
.background{ background-color: rgb(172,  
229, 245) }
```

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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