

Converting Colors

YUV(210.5810, 12.0386,
-34.7125)

Have a look what the booklet for
YUV(210.5810, 12.0386, -34.7125)
contains.

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Color

**YUV(210.5810, 12.0386,
-34.7125)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE2EB
RGB	171, 226, 235
RGB Percent	67%, 89%, 92%
CMY	0.3294, 0.1137, 0.0784
CMYK	0.27, 0.04, 0.00, 0.08
HSL	188°, 62%, 80%
HSV	188°, 27%, 92%
XYZ	58.9863, 69.0488, 88.8161
YIQ	210.5810, -35.6690, -8.8610

Conversions

Conversions Part 2

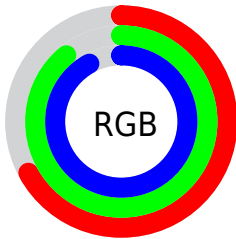
Format	Color
R _Y B	171, 201, 235
Decimal	11264747
CIE Lab	86.53, -15.44, -10.10
CIE LCh	87, 18.451, 213.179
Yxy	69.0488, 0.2720, 0.3184
Android (android.graphics.Color)	4289454827 (0xFFABE2EB)
YUV	210.5810, 12.0386, -34.7125
Hunter-Lab	83.0956, -18.7071, -5.2047

Details

The YUV color $210.5810, 12.0386, -34.7125$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $195.4190, -12.0386, 34.7125$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.9270, 3.9800, -16.5990$, and $155.7660, 11.4544, -33.9978$ is the 20% darker color. If you saturate the color by 10%, you get $201.6440, 16.4445, -47.9228$, and if you desaturate by 10%, it is $219.5180, 7.6326, -21.5023$.

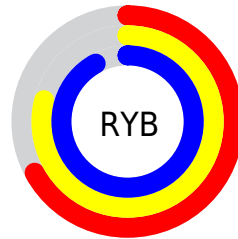
Distribution



Red (67%)

Green (89%)

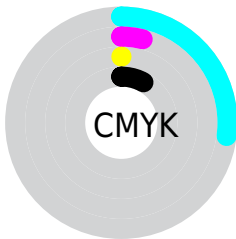
Blue (92%)



Red (67%)

Yellow (79%)

Blue (92%)

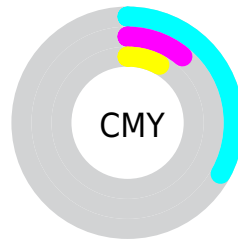


Cyan (27%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (33%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.5810, 12.0386, -34.7125 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 210.5810, 12.0386, -34.7125 by changing the saturation by 10% instead.

■ 210.5810, 12.0386,
-34.7125

■ 210.5810, 12.0386,
-34.7125

255.0000, 0.0000,
0.0000

■ 182.8800, 11.8912,
-34.0978

■ 246.9270, 3.9800,
-16.5990

■ 155.7660, 11.4544,
-33.9978

■ 129.1790, 11.7438,
-33.4830

■ 103.1790, 11.7438,
-33.4830

■ 78.1680, 11.7492,
-35.2273

■ 51.4770, 13.0758,
-40.7603

■ 33.8590, 10.4225,

-29.6943

■ 19.6110, 6.6008,
-17.1988

■ 1.1400, 4.3680,
-0.9998

■ 210.5810, 12.0386,
-34.7125

■ 210.5810, 12.0386,
-34.7125

■ 201.6440, 16.4445,
-47.9228

■ 219.5180, 7.6326,
-21.5023

■ 192.4190, 20.9924,
-60.0035

■ 228.7430, 3.0847,
-9.4216

■ 183.7810, 25.2510,
-72.5989

■ 237.6800, -1.3212,
3.7886

■ 174.8440, 29.6569,
-85.8092

■ 243.3280, -4.1057,
10.2363

■ 165.6190, 34.2048,
-97.8899

■ 245.6760, -5.2633,
8.1771

■ 156.6820, 38.6108,
-111.1001

■ 247.4370, -6.1314,
6.6328

■ 147.7450, 43.0167,
-124.3104

■ 249.1980, -6.9996,
5.0884

■ 145.3640, 44.1905,
-127.4842

■ 250.9590, -7.8678,
3.5440

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



210.4260, 3.7340, -31.0686



210.5810, 12.0386, -34.7125



212.8790, 16.8217, -28.8349

Triad

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



210.5810, 12.0386, -34.7125



220.1300, 6.3449, 18.3030



216.0110, -16.7674, 11.3914

Complementary

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



210.5810, 12.0386, -34.7125



195.4190, -12.0386, 34.7125

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.



217.4300, -15.4950, 23.3019



210.5810, 12.0386, -34.7125



219.6060, -2.2708, 28.4095

Square

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



210.5810, 12.0386, -34.7125



218.2790, 13.6665, 3.2633



219.1410, -10.4225, 29.6943



213.5360, -13.0822, -3.9781

Rectangle

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



210.5810, 12.0386, -34.7125



214.5750, 17.9575, -19.7983



219.1410, -10.4225, 29.6943



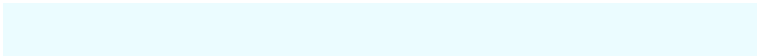
216.6310, -17.0731, 16.1096

Sweetspot

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



210.5810, 12.0386, -34.7125



247.2590, 3.8163, -10.7511



209.5940, -14.5898, -33.8469



122.9390, 2.4951, -6.9625



0.0000, 0.0000, 0.0000



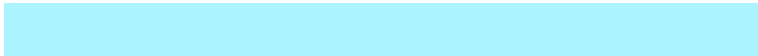
128.0000, 0.0000, 0.0000

Same Dimension

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



210.5810, 12.0386, -34.7125



222.8400, 15.8549, -45.4637



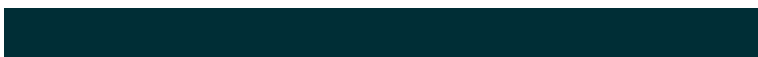
191.7970, 21.2991, -18.2390



113.1240, 1.9109, -6.2477



112.2060, 33.9154, -98.4047



33.1580, 10.2751, -29.0796

Inverse Universe

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



196.4060, 14.5898, 33.8469



204.3240, 19.0673, 44.4429



214.2030, -21.2991, 18.2390



110.4290, 2.7465, 5.7628



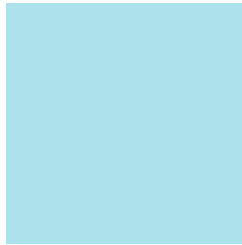
71.9030, 41.4598, 95.6781



21.3900, 12.1327, 28.5990

Previews

White Background



This preview shows how the YUV color 210.5810, 12.0386, -34.7125 looks on a white background.

Color Contrast Check

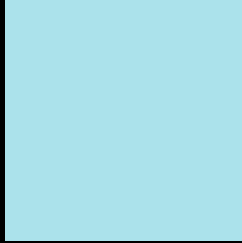
Large Text (above 18pt) WCAG AA × Fail

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 210.5810, 12.0386, -34.7125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

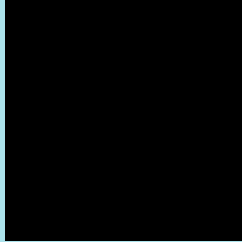
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.5810, 12.0386, -34.7125

Background



This preview shows how black text looks on a background with the YUV color 210.5810, 12.0386, -34.7125.



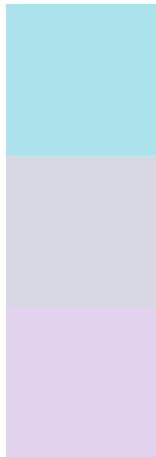
This preview shows how white text looks on a background with the YUV color 210.5810, 12.0386, -34.7125.

-34.7125.

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

210.5810, 12.0386, -34.7125

Protanopia

216.7810, 5.5310, -0.6849

Deuteranopia

217.9760, 9.8718, 7.0370



Tritanopia

211.5040, 15.5275, -33.7680

Trichromacy



Original Color

210.5810, 12.0386, -34.7125

Protanomaly

214.6870, 8.0423, -12.8805

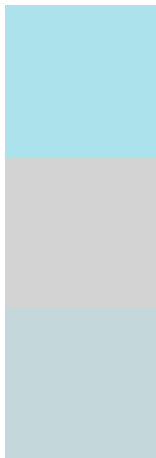
Deuteranomaly

215.4040, 10.6468, -8.2473

Tritanomaly

210.8630, 14.3645, -34.0829

Monochromacy



Original Color

210.5810, 12.0386, -34.7125

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.4760, 4.6953, -12.6955

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.5810, 12.0386, -34.7125 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, 226, 235)` looks like.

```
.text, #text, p{  
    color:rgb(171, 226, 235)  
}
```

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, 226, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 226, 235) }
```

Border

The CSS property to change the border of an element to YUV 210.5810, 12.0386, -34.7125 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, 226, 235) }
```


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

```
.border{ border-color:rgb(171, 226, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 226, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 226, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 226, 235);  
box-shadow:4px 4px 4px 4px rgb(171, 226,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 210.5810, 12.0386, -34.7125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 226, 235) }
```

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

```
.background{ background-color: rgb(171,  
226, 235) }
```

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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