

Converting Colors

YUV(218.3610, -11.0240,
-10.8406)

Have a look what the booklet for
YUV(218.3610, -11.0240, -10.8406)
contains.

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Color

**YUV(218.3610, -11.0240,
-10.8406)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE5C4
RGB	206, 229, 196
RGB Percent	81%, 90%, 77%
CMY	0.1922, 0.1020, 0.2314
CMYK	0.10, 0.00, 0.14, 0.10
HSL	102°, 39%, 83%
HSV	102°, 14%, 90%
XYZ	63.4367, 73.1460, 62.9997
YIQ	218.3610, -3.1150, -15.1390

Conversions

Conversions Part 2

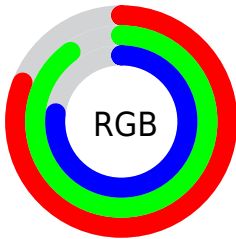
Format	Color
RYB	196, 229, 219
Decimal	13559236
CIELab	88.52, -13.55, 13.55
CIELCh	89, 19.159, 135.009
Yxy	73.1460, 0.3178, 0.3665
Android (android.graphics.Color)	4291749316 (0xFFCEE5C4)
YUV	218.3610, -11.0240, -10.8406
Hunter-Lab	85.5254, -17.2708, 16.1936

Details

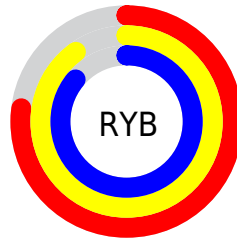
The YUV color **218.3610, -11.0240, -10.8406** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **206.6390, 11.0240, 10.8406**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.7720, -0.8736, 0.2000**, and **163.7740, -10.7346, -10.3258** is the 20% darker color. If you saturate the color by 10%, you get **210.9550, -18.7118, -18.3775**, and if you desaturate by 10%, it is **225.7670, -3.3361, -3.3037**.

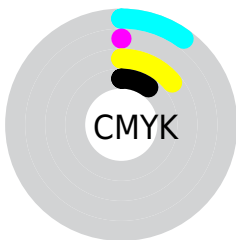
Distribution



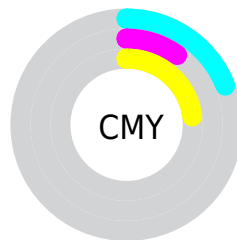
- Red (81%)
- Green (90%)
- Blue (77%)



- Red (77%)
- Yellow (90%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.3610, -11.0240, -10.8406 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 218.3610, -11.0240, -10.8406 by changing the saturation by 10% instead.

■ 218.3610,
-11.0240, -10.8406

■ 218.3610,
-11.0240, -10.8406

255.0000, 0.0000,
0.0000

■ 190.4750,
-10.5872, -10.9406

254.7720, -0.8736,
0.2000

■ 163.7740,
-10.7346, -10.3258

■ 137.3010,
-10.0084, -9.9110

■ 111.4150, -9.5716,
-10.0110

■ 86.8280, -9.2822,
-9.4962

■ 63.3550, -8.5560,
-9.0813

■ 41.4690, -8.1192,

-9.1813

■ 20.3120, -10.0138,
-8.1666

■ 0.0000, 0.0000,
0.0000

■ 218.3610,
-11.0240, -10.8406

■ 218.3610,
-11.0240, -10.8406

■ 210.9550,
-18.7118, -18.3775

■ 225.7670, -3.3361,
-3.3037

■ 203.5490,
-26.3997, -25.9145

■ 233.1730, 4.3517,
4.2333

■ 196.1430,
-34.0875, -33.4514

■ 239.4390, 7.6716,
12.7700

■ 188.7370,
-41.7753, -40.9883

■ 239.7380, 7.5242,
13.3848

■ 181.4450,
-49.0264, -48.6253

■ 174.0390,
-56.7142, -56.1622

■ 166.6330,
-64.4021, -63.6991

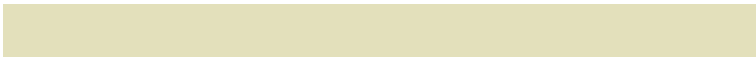
■ 159.2270,
-72.0899, -71.2361

■ 155.0540,
-76.4416, -75.4694

Harmonies

Analogous

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



220.6790, -16.6037, 5.5435



218.3610, -11.0240, -10.8406



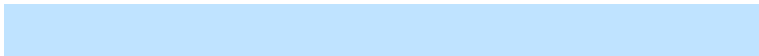
216.2650, -2.1026, -25.6654

Triad

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



218.3610, -11.0240, -10.8406



219.4280, 17.5370, -24.9314



223.7970, -5.3229, 27.3650

Complementary

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



218.3610, -11.0240, -10.8406



206.6390, 11.0240, 10.8406

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.



225.6640, 3.1236, 24.8507



218.3610, -11.0240, -10.8406



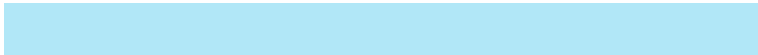
222.7830, 15.8830, -7.7027

Square

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



218.3610, -11.0240, -10.8406



216.6780, 14.9487, -34.7976



225.3400, 11.1714, 10.2258



223.7340, -13.1799, 27.4203

Rectangle

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



218.3610, -11.0240, -10.8406



215.6430, 4.6130, -33.0129



225.3400, 11.1714, 10.2258



224.5950, -2.2653, 26.6652

Sweetspot

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



218.3610, -11.0240, -10.8406



251.7670, -3.3361, -3.3037



219.3680, -11.5204, 8.4473



125.7070, -2.3206, -2.3740



0.0000, 0.0000, 0.0000



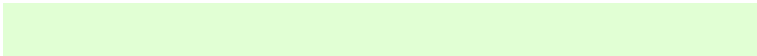
128.0000, 0.0000, 0.0000

Same Dimension

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



218.3610, -11.0240, -10.8406



241.1280, -14.3601, -14.1443



216.0550, -6.9291, -17.5882



111.2400, -4.0623, -3.7185



121.2190, -59.7610, -58.9511



34.4220, -16.9700, -17.0331

Inverse Universe

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



206.6390, 11.0240, 10.8406



225.8720, 14.3601, 14.1443



208.9450, 6.9291, 17.5882



106.7600, 4.0623, 3.7185



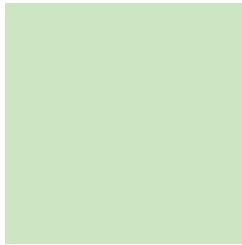
57.4820, 59.9084, 58.3363



16.5780, 16.9700, 17.0331

Previews

White Background



This preview shows how the YUV color 218.3610, -11.0240, -10.8406 looks on a white background.

Color Contrast Check

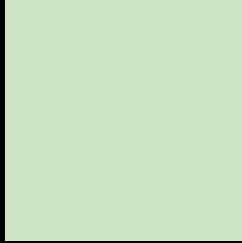
Large Text (above 18pt) WCAG AA × Fail

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 218.3610, -11.0240, -10.8406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

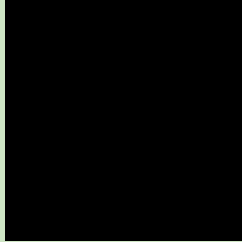
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

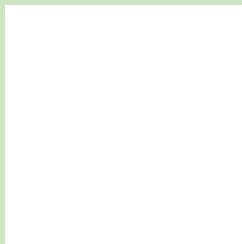
Any Text WCAG AAA ✓ Pass

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

YUV 218.3610, -11.0240, -10.8406 Background



This preview shows how black text looks on a background with the YUV color 218.3610, -11.0240, -10.8406.



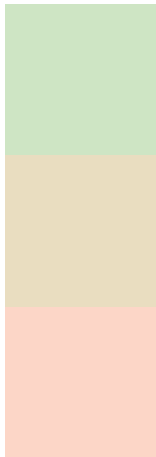
This preview shows how white text looks on a background with the YUV color 218.3610, -11.0240, -10.8406.

-10.8406.

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
Protanopia
Deuteranopia

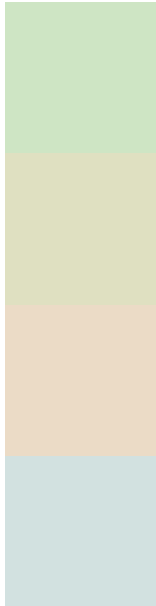
218.3610, -11.0240, -10.8406
221.2820, -14.4360, 10.2767
223.6520, -12.1534, 24.8612



Tritanopia

221.9480, 8.8996, -7.8474

Trichromacy



Original Color

218.3610, -11.0240, -10.8406

Protanomaly

220.1670, -13.3933, 2.4845

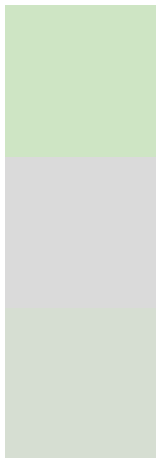
Deuteranomaly

221.3900, -11.5313, 11.9360

Tritanomaly

220.4010, 1.7743, -9.1217

Monochromacy



Original Color

218.3610, -11.0240, -10.8406

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.2400, -4.0623, -3.7185

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.3610, -11.0240, -10.8406 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(206, 229, 196)` looks like.

```
.text, #text, p{  
    color:rgb(206, 229, 196)  
}
```

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(206, 229, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 229, 196) }
```

Border

The CSS property to change the border of an element to YUV 218.3610, -11.0240, -10.8406 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(206, 229, 196) }
```


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

```
.border{ border-color:rgb(206, 229, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 229, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 229, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 229, 196); box-shadow:4px 4px 4px 4px rgb(206, 229, 196) }
```

Background

The CSS property to change the background color of an element to YUV 218.3610, -11.0240, -10.8406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 229, 196) }
```

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

```
.background{ background-color: rgb(206,  
229, 196) }
```

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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