

Converting Colors

YUV(238.5110, -18.4929,
4.8139)

Have a look what the booklet for
YUV(238.5110, -18.4929, 4.8139)
contains.

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Color

**YUV(238.5110, -18.4929,
4.8139)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F3C9
RGB	244, 243, 201
RGB Percent	96%, 95%, 79%
CMY	0.0431, 0.0471, 0.2118
CMYK	0.00, 0.00, 0.18, 0.04
HSL	59°, 66%, 87%
HSV	59°, 18%, 96%
XYZ	79.9014, 87.5513, 67.9462
YIQ	238.5110, 14.0780, -12.8500

Conversions

Conversions Part 2

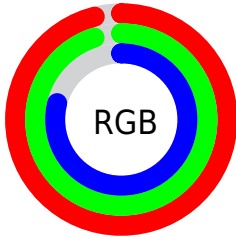
Format	Color
R_{YB}	202, 244, 201
Decimal	16053193
CIE _{Lab}	94.97, -6.43, 20.42
CIE _{LCh}	95, 21.411, 107.490
Yxy	87.5513, 0.3394, 0.3719
Android (android.graphics.Color)	4294243273 (0xFFFF4F3C9)
YUV	238.5110, -18.4929, 4.8139
Hunter-Lab	93.5689, -11.3187, 22.4440

Details

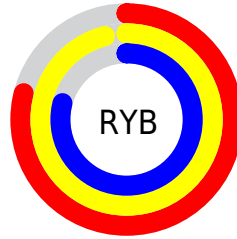
The YUV color **238.5110, -18.4929, 4.8139** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **206.4890, 18.4929, -4.8139**, and the grayscale version is **239.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **182.7390, -17.6193, 4.6139** is the 20% darker color. If you saturate the color by 10%, you get **235.1880, -28.6867, 7.7281**, and if you desaturate by 10%, it is **241.8340, -8.2992, 1.8996**.

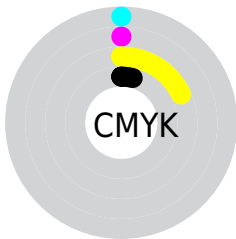
Distribution



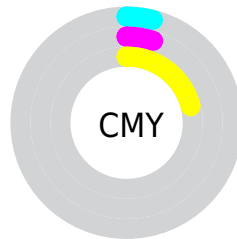
- Red (96%)
- Green (95%)
- Blue (79%)



- Red (79%)
- Yellow (96%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.5110, -18.4929, 4.8139 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 238.5110, -18.4929, 4.8139 by changing the saturation by 10% instead.

■ 238.5110,
-18.4929, 4.8139

■ 238.5110,
-18.4929, 4.8139

255.0000, 0.0000,
0.0000

■ 210.3260,
-17.9087, 4.0991

■ 182.7390,
-17.6193, 4.6139

■ 155.5540,
-17.0351, 3.8991

■ 129.6680,
-16.5983, 3.7992

■ 104.4830,
-16.0141, 3.0844

■ 80.0100, -15.2879,
3.4992

■ 56.9390, -14.2669,

2.6845

■ 34.5970, -15.5773,
2.9844

■ 15.0290, -7.4093,
-3.5334

■ 238.5110,
-18.4929, 4.8139

■ 238.5110,
-18.4929, 4.8139

■ 235.1880,
-28.6867, 7.7281

■ 241.8340, -8.2992,
1.8996

■ 232.3380,
-39.6066, 10.2276

■ 244.6840, 2.6208,
-0.5999

■ 229.0150,
-49.8004, 13.1418

■ 245.8410, 4.5154,
-1.6146

■ 226.1650,
-60.7203, 15.6413

■ 246.4280, 4.2260,
-2.1294

■ 222.8420,
-70.9141, 18.5556

■ 247.0150, 3.9366,
-2.6442

■ 220.1060,
-81.3973, 20.9550

■ 247.6020, 3.6472,
-3.1590

■ 216.6690,
-92.0278, 23.9693

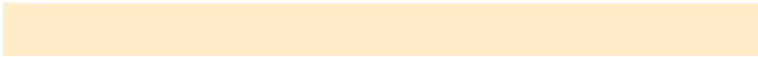
■ 213.3460,
-102.2216, 26.8836

■ 212.6620,
-104.8424, 27.4834

Harmonies

Analogous

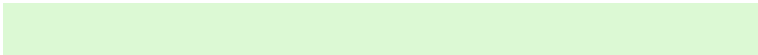
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.6910, -18.0887, 15.1800



238.5110, -18.4929, 4.8139



236.1110, -11.8867, -14.1293

Triad

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



238.5110, -18.4929, 4.8139



232.3310, 11.1758, -38.0013



237.9940, 5.9190, 14.9143

Complementary

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



238.5110, -18.4929, 4.8139



206.4890, 18.4929, -4.8139

Split Complementary

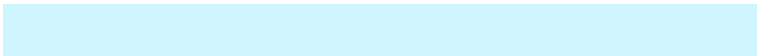
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.9120, 6.9454, 12.3552



238.5110, -18.4929, 4.8139



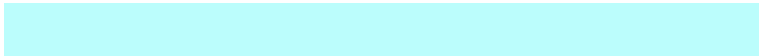
234.7780, 9.9694, -24.3613

Square

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



238.5110, -18.4929, 4.8139



233.1520, 9.2921, -40.4753



238.4430, 8.1626, -4.7735



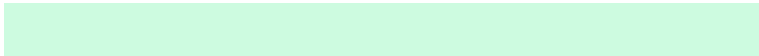
235.0130, -2.9644, 17.5286

Rectangle

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



238.5110, -18.4929, 4.8139



234.1680, -5.0128, -25.5803



238.4430, 8.1626, -4.7735



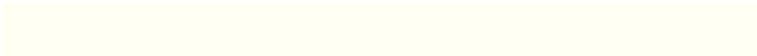
239.1510, 7.8136, 13.8996

Sweetspot

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



238.5110, -18.4929, 4.8139



253.5180, -5.6784, 1.2997



213.9710, -5.9017, 26.3354



126.5010, -3.2050, 1.3146



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.



238.5110, -18.4929, 4.8139



248.2570, -23.2977, 5.9136



233.1180, -15.8342, -7.9965



120.6320, -5.2416, 1.1997



162.4480, -80.0869, 20.6551



51.1000, -25.1923, 6.9283

Inverse Universe

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



206.4890, 18.4929, -4.8139



208.3300, 23.0083, -6.4284



211.8820, 15.8342, 7.9965



111.3680, 5.2416, -1.1997



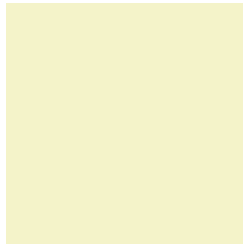
23.5520, 80.0869, -20.6551



7.3130, 25.4817, -6.4135

Previews

White Background



This preview shows how the YUV color 238.5110, -18.4929, 4.8139 looks on a white background.

Color Contrast Check

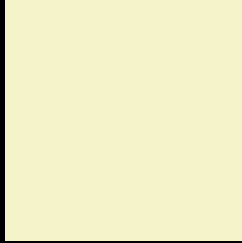
Large Text (above 18pt) WCAG AA × Fail

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 238.5110, -18.4929, 4.8139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

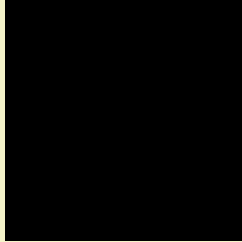
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

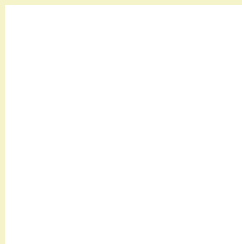
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.5110, -18.4929, 4.8139

Background



This preview shows how black text looks on a background with the YUV color 238.5110, -18.4929, 4.8139.



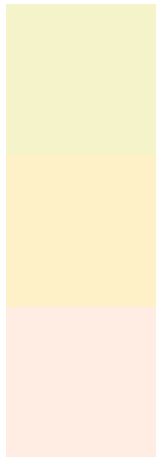
This preview shows how white text looks on a background with the YUV color 238.5110, -18.4929, 4.8139.

4.8139.

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

238.5110, -18.4929, 4.8139

Protanopia

239.5120, -19.9724, 12.7060

Deuteranopia

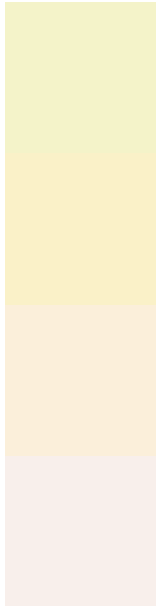
241.2420, -7.0213, 12.0658



Tritanopia

242.5370, 5.6513, 7.4221

Trichromacy



Original Color

238.5110, -18.4929, 4.8139

Protanomaly

239.0170, -19.2354, 9.6321

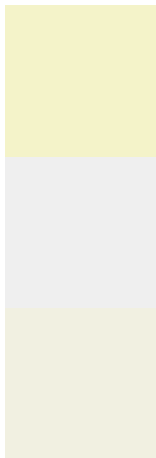
Deuteranomaly

240.1940, -10.9416, 9.4769

Tritanomaly

241.2350, -3.0739, 5.9329

Monochromacy



Original Color

238.5110, -18.4929, 4.8139

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

238.5890, -6.6994, 2.1144

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.5110, -18.4929, 4.8139 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(244, 243, 201)` looks like.

```
.text, #text, p{  
    color:rgb(244, 243, 201)  
}
```

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(244, 243, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 243, 201) }
```

Border

The CSS property to change the border of an element to YUV 238.5110, -18.4929, 4.8139 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(244, 243, 201) }
```


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

```
.border{ border-color:rgb(244, 243, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 243, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 243, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 243, 201);  
box-shadow:4px 4px 4px 4px rgb(244, 243,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 238.5110, -18.4929, 4.8139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 243, 201) }
```

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

```
.background{ background-color: rgb(244,  
243, 201) }
```

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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