

Converting Colors

YUV(218.1690, -19.8033,
5.1138)

Have a look what the booklet for
YUV(218.1690, -19.8033, 5.1138)
contains.

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Color

**YUV(218.1690, -19.8033,
5.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DFB2
RGB	224, 223, 178
RGB Percent	88%, 87%, 70%
CMY	0.1216, 0.1255, 0.3020
CMYK	0.00, 0.00, 0.21, 0.12
HSL	59°, 43%, 79%
HSV	59°, 21%, 88%
XYZ	65.1640, 71.8370, 52.5509
YIQ	218.1690, 15.0410, -13.7830

Conversions

Conversions Part 2

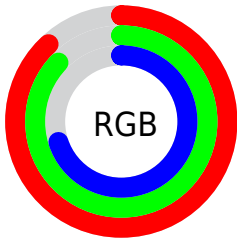
Format	Color
RYB	179, 224, 178
Decimal	14737330
CIELab	87.89, -6.92, 22.24
CIELCh	88, 23.290, 107.274
Yxy	71.8370, 0.3438, 0.3790
Android (android.graphics.Color)	4292927410 (0xFFE0DFB2)
YUV	218.1690, -19.8033, 5.1138
Hunter-Lab	84.7567, -11.0870, 22.5687

Details

The YUV color **218.1690, -19.8033, 5.1138** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **183.8310, 19.8033, -5.1138**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6060, -9.1728, 2.0995**, and **163.0980, -18.7823, 4.2991** is the 20% darker color. If you saturate the color by 10%, you get **215.6610, -29.4129, 7.3133**, and if you desaturate by 10%, it is **220.6770, -10.1938, 2.9143**.

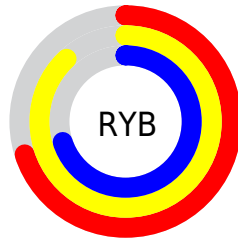
Distribution



Red (88%)

Green (87%)

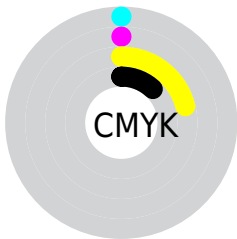
Blue (70%)



Red (70%)

Yellow (88%)

Blue (70%)

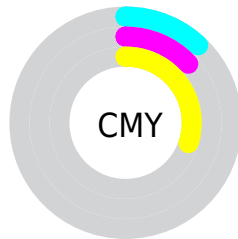


Cyan (0%)

Magenta (0%)

Yellow (21%)

Black (12%)



Cyan (12%)

Magenta (13%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.1690, -19.8033, 5.1138 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 218.1690, -19.8033, 5.1138 by changing the saturation by 10% instead.

■ 218.1690,
-19.8033, 5.1138

■ 218.1690,
-19.8033, 5.1138

255.0000, 0.0000,
0.0000

■ 190.2830,
-19.3665, 5.0138

■ 252.6060, -9.1728,
2.0995

■ 163.0980,
-18.7823, 4.2991

■ 137.2120,
-18.3455, 4.1991

■ 111.4400,
-17.4719, 3.9991

■ 86.6680, -16.5983,
3.7992

■ 63.4830, -16.0141,
3.0844

■ 41.0700, -16.3035,

2.5696

■ 21.2530, -10.4777,
0.6551

■ 0.0000, 0.0000,
0.0000

■ 218.1690,
-19.8033, 5.1138

■ 218.1690,
-19.8033, 5.1138

■ 215.6610,
-29.4129, 7.3133

■ 220.6770,
-10.1938, 2.9143

■ 212.4520,
-39.1698, 10.1276

■ 223.8860, -0.4368,
0.1000

■ 209.9440,
-48.7794, 12.3271

■ 226.3940, 9.1728,
-2.0995

■ 206.7350,
-58.5364, 15.1414

■ 228.1210, 13.2513,
-3.6141

■ 204.2270,
-68.1459, 17.3409

■ 228.7080, 12.9620,
-4.1289

■ 201.1320,
-77.4661, 20.0552

■ 229.2950, 12.6726,
-4.6437

■ 198.5100,
-87.5124, 22.3547

■ 195.5290,
-96.3958, 24.9691

Harmonies

Analogous

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



220.6380, -21.0205, 22.2425



218.1690, -19.8033, 5.1138



215.5840, -12.6129, -14.5442

Triad

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



218.1690, -19.8033, 5.1138



213.3610, 19.0490, -43.2896



223.5010, 3.6970, 27.6246

Complementary

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



218.1690, -19.8033, 5.1138



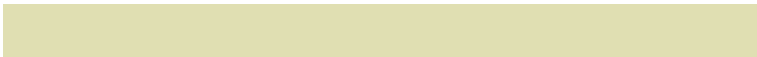
183.8310, 19.8033, -5.1138

Split Complementary

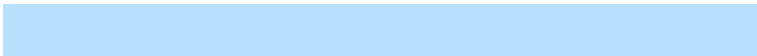
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.2310, 13.1971, 13.8294



218.1690, -19.8033, 5.1138



215.8620, 19.2950, -28.8200

Square

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



218.1690, -19.8033, 5.1138



211.4720, 10.6133, -44.2639



220.4240, 17.0460, -7.3878



220.2920, -6.0600, 30.4389

Rectangle

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



218.1690, -19.8033, 5.1138



214.0430, -5.4442, -27.2247



220.4240, 17.0460, -7.3878



224.5870, 6.6126, 25.7952

Sweetspot

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



218.1690, -19.8033, 5.1138



253.2900, -6.5520, 1.4997



191.9820, -5.9071, 28.0798



126.3870, -3.6418, 1.4146



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.



218.1690, -19.8033, 5.1138



247.1170, -27.6657, 6.9134



212.4770, -16.9972, -8.3113



110.7460, -4.8048, 1.0998



153.5880, -75.7189, 19.6553



41.9410, -20.6769, 5.3137

Inverse Universe

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



183.8310, 19.8033, -5.1138



199.4700, 27.3763, -7.4282



189.5230, 16.9972, 8.3113



102.2540, 4.8048, -1.0998



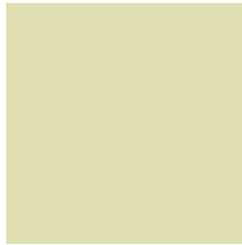
22.4120, 75.7189, -19.6553



6.0590, 20.6769, -5.3137

Previews

White Background



This preview shows how the YUV color 218.1690, -19.8033, 5.1138 looks on a white background.

Color Contrast Check

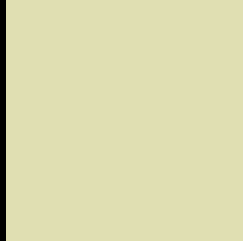
Large Text (above 18pt) WCAG AA × Fail

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 218.1690, -19.8033, 5.1138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

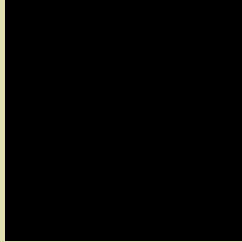
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

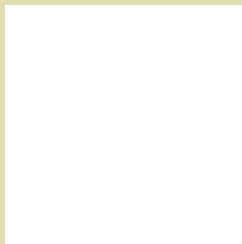
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.1690, -19.8033, 5.1138

Background



This preview shows how black text looks on a background with the YUV color 218.1690, -19.8033, 5.1138.



This preview shows how white text looks on a background with the YUV color 218.1690, -19.8033,

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

218.1690, -19.8033, 5.1138

Protanopia

219.2840, -20.8460, 12.9059

Deuteranopia

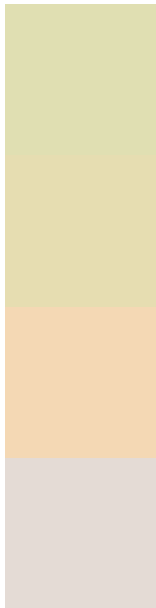
221.3230, -19.8792, 29.5347



Tritanopia

222.4230, 5.2145, 7.5220

Trichromacy



Original Color

218.1690, -19.8033, 5.1138

Protanomaly

218.6750, -20.5458, 9.9320

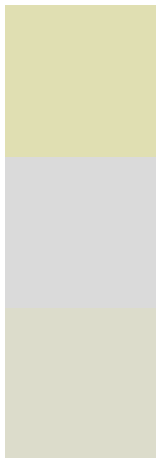
Deuteranomaly

220.2680, -19.8521, 20.8130

Tritanomaly

221.0070, -3.9475, 6.1329

Monochromacy



Original Color

218.1690, -19.8033, 5.1138

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.0620, -7.4256, 1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.1690, -19.8033, 5.1138 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(224, 223, 178)` looks like.

```
.text, #text, p{  
    color:rgb(224, 223, 178)  
}
```

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(224, 223, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 223, 178) }
```

Border

The CSS property to change the border of an element to YUV 218.1690, -19.8033, 5.1138 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(224, 223, 178) }
```


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

```
.border{ border-color:rgb(224, 223, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 223, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 223, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 223, 178);  
box-shadow:4px 4px 4px 4px rgb(224, 223,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 218.1690, -19.8033, 5.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 223, 178) }
```

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

```
.background{ background-color: rgb(224,  
223, 178) }
```

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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