

Converting Colors

YUV(235.5880, -21.9819,
3.8693)

Have a look what the booklet for
YUV(235.5880, -21.9819, 3.8693)
contains.

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Color

**YUV(235.5880, -21.9819,
3.8693)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F2BF
RGB	240, 242, 191
RGB Percent	94%, 95%, 75%
CMY	0.0588, 0.0510, 0.2510
CMYK	0.01, 0.00, 0.21, 0.05
HSL	62°, 66%, 85%
HSV	62°, 21%, 95%
XYZ	77.0913, 85.7911, 61.7864
YIQ	235.5880, 15.1790, -16.2850

Conversions

Conversions Part 2

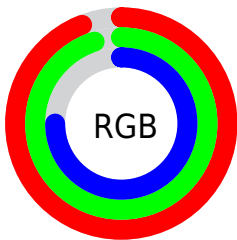
Format	Color
R_{YB}	191, 242, 193
Decimal	15790783
CIE _{Lab}	94.22, -8.81, 24.46
CIE _{LCh}	94, 25.997, 109.800
Yxy	85.7911, 0.3431, 0.3819
Android (android.graphics.Color)	4293980863 (0xFFFF0F2BF)
YUV	235.5880, -21.9819, 3.8693
Hunter-Lab	92.6235, -13.5241, 25.2858

Details

The YUV color **235.5880, -21.9819, 3.8693** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **197.4120, 21.9819, -3.8693**, and the grayscale version is **236.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.2020, -3.0576, 0.6998**, and **179.8160, -21.1083, 3.6694** is the 20% darker color. If you saturate the color by 10%, you get **232.5530, -32.3176, 5.6540**, and if you desaturate by 10%, it is **238.6230, -11.6461, 2.0846**.

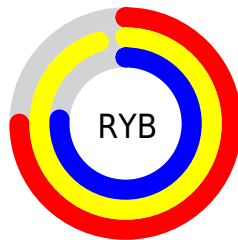
Distribution



Red (94%)

Green (95%)

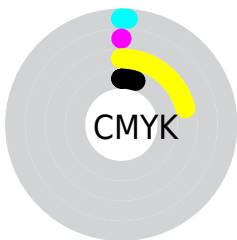
Blue (75%)



Red (75%)

Yellow (95%)

Blue (76%)

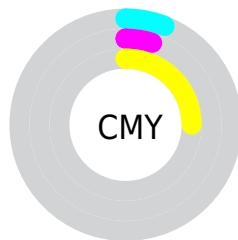


Cyan (1%)

Magenta (0%)

Yellow (21%)

Black (5%)



Cyan (6%)

Magenta (5%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.5880, -21.9819, 3.8693 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 235.5880, -21.9819, 3.8693 by changing the saturation by 10% instead.

■ 235.5880,
-21.9819, 3.8693

■ 235.5880,
-21.9819, 3.8693

■ 255.0000, 0.0000,
0.0000

■ 207.4030,
-21.3977, 3.1546

■ 254.2020, -3.0576,
0.6998

■ 179.8160,
-21.1083, 3.6694

■ 152.7450,
-20.0873, 2.8546

■ 126.8590,
-19.6505, 2.7547

■ 101.6740,
-19.0663, 2.0399

■ 77.9020, -18.1927,
1.8399

■ 54.1300, -17.3191,

1.6400

■ 33.3580, -16.4455,
1.4400

■ 11.4520, -5.6458,
-9.1664

■ 235.5880,
-21.9819, 3.8693

■ 235.5880,
-21.9819, 3.8693

■ 232.5530,
-32.3176, 5.6540

■ 238.6230,
-11.6461, 2.0846

■ 229.5180,
-42.6534, 7.4387

■ 241.6580, -1.3104,
0.2999

■ 226.3690,
-53.4259, 9.3234

■ 243.7810, 5.5310,
-0.6849

■ 223.3340,
-63.7617, 11.1081

■ 244.0800, 5.3836,
-0.0702

■ 220.2990,
-74.0974, 12.8928

■ 244.3790, 5.2362,
0.5446

■ 217.2640,
-84.4332, 14.6775

■ 244.6780, 5.0887,
1.1594

■ 214.2290,
-94.7689, 16.4622

■ 244.9770, 4.9413,
1.7742

■ 211.7210,
-104.3785, 18.6617

■ 245.2760, 4.7939,
2.3889

■ 245.5750, 4.6465,
3.0037

Harmonies

Analogous

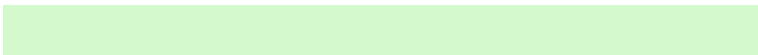
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.1490, -22.7515, 17.4093



235.5880, -21.9819, 3.8693



232.6220, -13.6176, -18.9625

Triad

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



235.5880, -21.9819, 3.8693



227.8460, 13.3869, -47.2229



234.2440, 6.7817, 18.2030

Complementary

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



235.5880, -21.9819, 3.8693



197.4120, 21.9819, -3.8693

Split Complementary

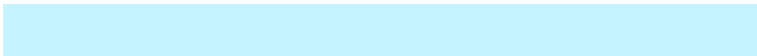
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.5640, 8.1029, 14.4144



235.5880, -21.9819, 3.8693



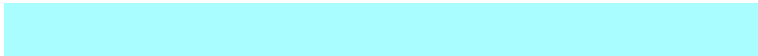
230.9130, 11.8749, -28.8647

Square

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



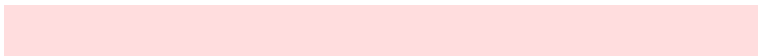
235.5880, -21.9819, 3.8693



228.2970, 12.6716, -51.1265



236.3830, 9.1782, -3.8439



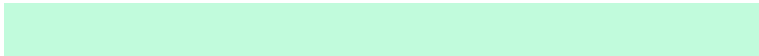
231.2800, -4.5750, 20.8024

Rectangle

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



235.5880, -21.9819, 3.8693



230.1240, -4.9911, -32.5577



236.3830, 9.1782, -3.8439



236.2160, 9.2605, 16.4736

Sweetspot

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



235.5880, -21.9819, 3.8693



252.9910, -6.4046, 0.8849



207.4230, -8.0965, 30.3240



126.6750, -3.7838, 0.2850



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

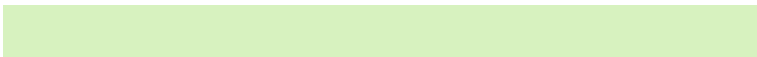
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.5880, -21.9819, 3.8693



247.1060, -27.6603, 5.1690



228.1130, -18.2967, -11.5001



118.3330, -5.0942, 0.5850



160.6320, -79.1916, 13.4777



49.0180, -24.1659, 4.3692

Inverse Universe

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



197.4120, 21.9819, -3.8693



199.1930, 27.5129, -4.5543



204.8870, 18.2967, 11.5001



109.3680, 5.2416, -1.1997



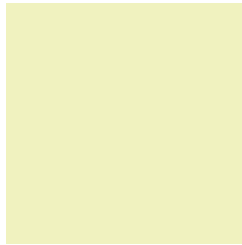
23.0690, 79.3390, -14.0925



6.9820, 24.1659, -4.3692

Previews

White Background



This preview shows how the YUV color 235.5880, -21.9819, 3.8693 looks on a white background.

Color Contrast Check

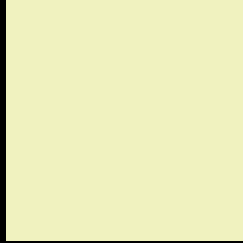
Large Text (above 18pt) WCAG AA × Fail

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 235.5880, -21.9819, 3.8693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

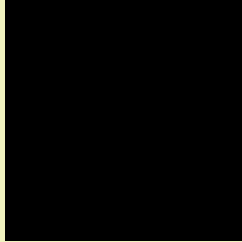
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

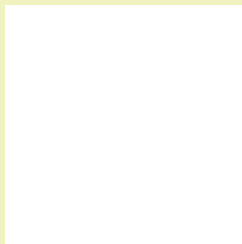
Any Text WCAG AAA ✓ Pass

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

YUV 235.5880, -21.9819, 3.8693 Background



This preview shows how black text looks on a background with the YUV color 235.5880, -21.9819, 3.8693.



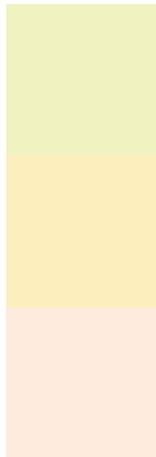
This preview shows how white text looks on a background with the YUV color 235.5880, -21.9819, 3.8693.

3.8693.

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

235.5880, -21.9819, 3.8693

Protanopia

236.8990, -23.6142, 14.1206

Deuteranopia

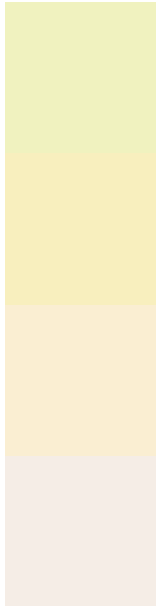
239.3840, -9.0633, 13.6952



Tritanopia

240.2380, 5.7987, 6.8073

Trichromacy



Original Color

235.5880, -21.9819, 3.8693

Protanomaly

236.1050, -22.7298, 10.4319

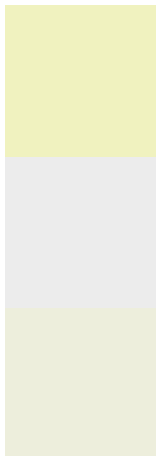
Deuteranomaly

238.3960, -13.9992, 10.1767

Tritanomaly

238.5940, -4.2368, 5.6181

Monochromacy



Original Color

235.5880, -21.9819, 3.8693

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.6490, -7.7150, 1.1848

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.5880, -21.9819, 3.8693 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(240, 242, 191)` looks like.

```
.text, #text, p{  
    color:rgb(240, 242, 191)  
}
```

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(240, 242, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 242, 191) }
```

Border

The CSS property to change the border of an element to YUV 235.5880, -21.9819, 3.8693 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(240, 242, 191) }
```


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

```
.border{ border-color:rgb(240, 242, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 242, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 242, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 242, 191);  
box-shadow:4px 4px 4px 4px rgb(240, 242,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 235.5880, -21.9819, 3.8693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 242, 191) }
```

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

```
.background{ background-color: rgb(240,  
242, 191) }
```

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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