

Converting Colors

YUV(244.3370, -17.9141,
5.8435)

Have a look what the booklet for
YUV(244.3370, -17.9141, 5.8435)
contains.

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Color

**YUV(244.3370, -17.9141,
5.8435)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF8D0
RGB	251, 248, 208
RGB Percent	98%, 97%, 82%
CMY	0.0157, 0.0275, 0.1843
CMYK	0.00, 0.01, 0.17, 0.02
HSL	56°, 84%, 90%
HSV	56°, 17%, 98%
XYZ	84.7362, 92.1981, 73.0044
YIQ	244.3370, 14.6280, -11.8040

Conversions

Conversions Part 2

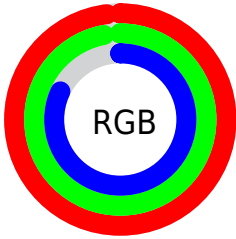
Format	Color
R _Y B	211, 251, 208
Decimal	16513232
CIE Lab	96.90, -5.42, 19.61
CIE LCh	97, 20.343, 105.451
Yxy	92.1981, 0.3390, 0.3689
Android (android.graphics.Color)	4294703312 (0xFFFBF8D0)
YUV	244.3370, -17.9141, 5.8435
Hunter-Lab	96.0198, -10.5109, 22.1354

Details

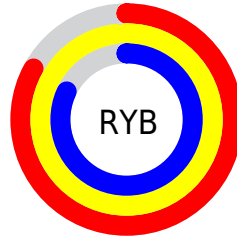
The YUV color $244.3370, -17.9141, 5.8435$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $214.6630, 17.9141, -5.8435$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $188.2660, -16.8931, 5.0287$ is the 20% darker color. If you saturate the color by 10%, you get $240.3130, -28.2553, 9.3725$, and if you desaturate by 10%, it is $248.3610, -7.5730, 2.3144$.

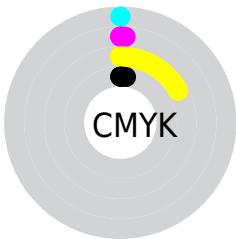
Distribution



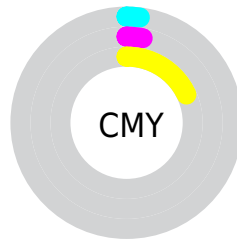
- Red (98%)
- Green (97%)
- Blue (82%)



- Red (83%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (17%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.3370, -17.9141, 5.8435 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 244.3370, -17.9141, 5.8435 by changing the saturation by 10% instead.

■ 244.3370,
-17.9141, 5.8435

■ 244.3370,
-17.9141, 5.8435

255.0000, 0.0000,
0.0000

■ 216.0380,
-17.7667, 5.2287

■ 188.2660,
-16.8931, 5.0287

■ 161.2660,
-16.8931, 5.0287

■ 134.4940,
-16.0195, 4.8288

■ 109.3090,
-15.4353, 4.1140

■ 84.8360, -14.7091,
4.5288

■ 61.6510, -14.1249,

3.8141

■ 39.3520, -13.9775,
3.1993

■ 19.7800, -9.7515,
1.0699

■ 244.3370,
-17.9141, 5.8435

■ 244.3370,
-17.9141, 5.8435

■ 240.3130,
-28.2553, 9.3725

■ 248.3610, -7.5730,
2.3144

■ 236.2890,
-38.5965, 12.9015

■ 252.0430, 1.4578,
-0.9147

■ 232.8520,
-49.2270, 15.9158

■ 252.6300, 1.1684,
-1.4295

■ 228.8280,
-59.5682, 19.4448

■ 253.8040, 0.5896,
-2.4591

■ 224.8040,
-69.9094, 22.9739

■ 220.6660,
-80.6873, 26.6029

■ 217.2290,
-91.3179, 29.6172

■ 213.2050,
-101.6591, 33.1462

■ 211.8200,
-104.4273, 34.3609

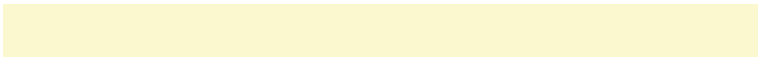
Harmonies

Analogous

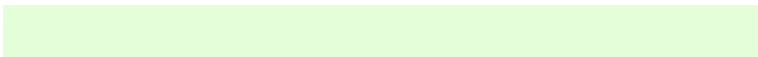
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.4240, -16.4780, 11.9062



244.3370, -17.9141, 5.8435



242.1220, -11.8921, -12.3850

Triad

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



244.3370, -17.9141, 5.8435



237.6580, 8.5496, -35.6571



242.0860, 6.3666, 11.3256

Complementary

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



244.3370, -17.9141, 5.8435



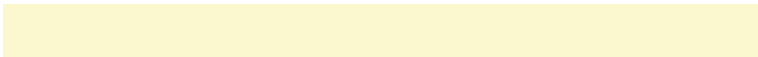
214.6630, 17.9141, -5.8435

Split Complementary

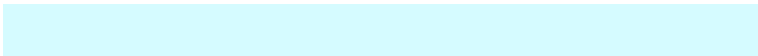
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.0210, 4.9196, 8.7516



244.3370, -17.9141, 5.8435



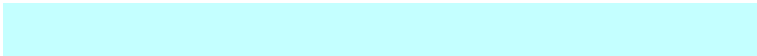
240.0940, 7.3487, -23.7614

Square

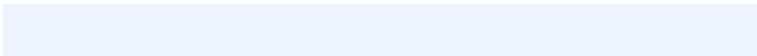
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



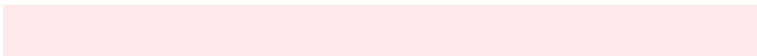
244.3370, -17.9141, 5.8435



237.3590, 8.6970, -36.2718



243.1610, 5.8366, -5.4032



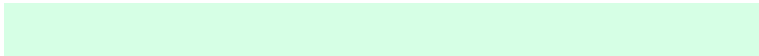
239.9200, -1.9326, 13.2252

Rectangle

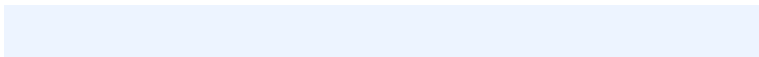
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.3370, -17.9141, 5.8435



239.7770, -5.3131, -22.6064



243.1610, 5.8366, -5.4032



243.2600, 5.7878, 10.2960

Sweetspot

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



244.3370, -17.9141, 5.8435



252.9310, -5.3890, 1.8145



221.3130, -4.5913, 26.0355



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.



244.3370, -17.9141, 5.8435



246.4960, -22.4295, 7.4580



240.7160, -16.1290, -6.7669



122.9310, -5.3890, 1.8145



159.8230, -78.7927, 25.5882



51.6980, -25.4871, 8.1579

Inverse Universe

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



214.6630, 17.9141, -5.8435



209.5040, 22.4295, -7.4580



218.2840, 16.1290, 6.7669



114.0690, 5.3890, -1.8145



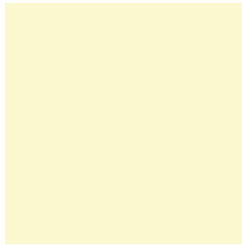
29.1770, 78.7927, -25.5882



9.3020, 25.4871, -8.1579

Previews

White Background



This preview shows how the YUV color 244.3370, -17.9141, 5.8435 looks on a white background.

Color Contrast Check

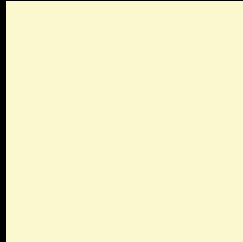
Large Text (above 18pt) WCAG AA × Fail

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 244.3370, -17.9141, 5.8435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

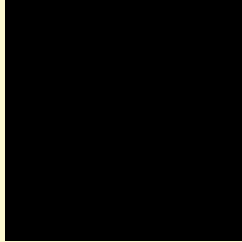
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 244.3370, -17.9141, 5.8435

Background



This preview shows how black text looks on a background with the YUV color 244.3370, -17.9141, 5.8435.



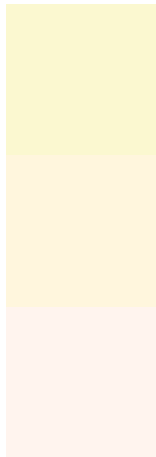
This preview shows how white text looks on a background with the YUV color 244.3370, -17.9141, 5.8435.

5.8435.

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

244.3370, -17.9141, 5.8435

Protanopia

245.8410, -12.2466, 8.0324

Deuteranopia

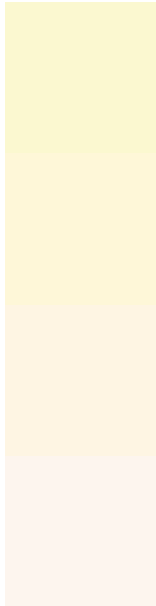
246.6050, -4.2423, 7.3624



Tritanopia

247.6570, 3.6201, 5.5628

Trichromacy



Original Color

244.3370, -17.9141, 5.8435

Protanomaly

245.5590, -14.5726, 7.4028

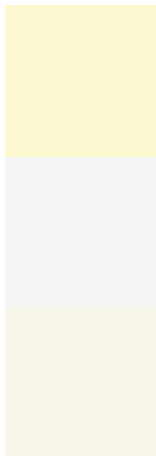
Deuteranomaly

245.6390, -9.1890, 7.3326

Tritanomaly

246.5940, -4.2368, 5.6181

Monochromacy



Original Color

244.3370, -17.9141, 5.8435

Achromatopsia

244.0000, 0.0000, 0.0000

Achromatomaly

244.0020, -6.4100, 2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.3370, -17.9141, 5.8435 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(251, 248, 208)` looks like.

```
.text, #text, p{  
    color:rgb(251, 248, 208)  
}
```

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(251, 248, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 248, 208) }
```

Border

The CSS property to change the border of an element to YUV 244.3370, -17.9141, 5.8435 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(251, 248, 208) }
```


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

```
.border{ border-color:rgb(251, 248, 208) }
```

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

Here you see how a box with a 4 pixel rgb(251, 248, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 248, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 248, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 248,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 244.3370, -17.9141, 5.8435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 248, 208) }
```

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

```
.background{ background-color: rgb(251,  
248, 208) }
```

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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