

Converting Colors

YUV(243.2550, -16.8877,
3.2844)

Have a look what the booklet for
YUV(243.2550, -16.8877, 3.2844)
contains.

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Color

**YUV(243.2550, -16.8877,
3.2844)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F8D1
RGB	247, 248, 209
RGB Percent	97%, 97%, 82%
CMY	0.0314, 0.0275, 0.1804
CMYK	0.00, 0.00, 0.16, 0.03
HSL	62°, 74%, 90%
HSV	62°, 16%, 97%
XYZ	83.4338, 91.5124, 73.5878
YIQ	243.2550, 11.9230, -12.3410

Conversions

Conversions Part 2

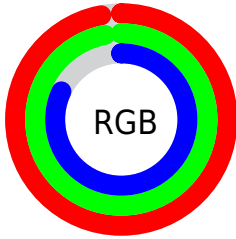
Format	Color
R_{YB}	209, 248, 210
Decimal	16251089
CIE _{Lab}	96.62, -6.69, 18.66
CIE _{LCh}	97, 19.822, 109.720
Y _{xy}	91.5124, 0.3357, 0.3682
Android (android.graphics.Color)	4294441169 (0xFFFF7F8D1)
YUV	243.2550, -16.8877, 3.2844
Hunter-Lab	95.6621, -11.7261, 21.3548

Details

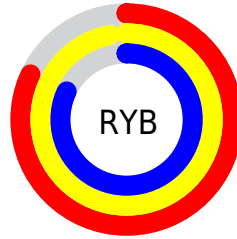
The YUV color $243.2550, -16.8877, 3.2844$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $213.7450, 16.8877, -3.2844$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $187.0700, -16.3035, 2.5696$ is the 20% darker color. If you saturate the color by 10%, you get $240.1060, -27.6603, 5.1690$, and if you desaturate by 10%, it is $246.4040, -6.1152, 1.3997$.

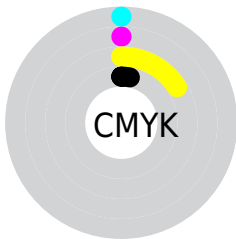
Distribution



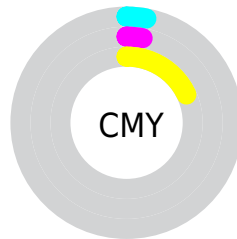
- Red (97%)
- Green (97%)
- Blue (82%)



- Red (82%)
- Yellow (97%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 243.2550, -16.8877, 3.2844 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 243.2550, -16.8877, 3.2844 by changing the saturation by 10% instead.

■ 243.2550,
-16.8877, 3.2844

■ 243.2550,
-16.8877, 3.2844

255.0000, 0.0000,
0.0000

■ 214.3690,
-16.4509, 3.1844

■ 187.0700,
-16.3035, 2.5696

■ 160.1840,
-15.8667, 2.4696

■ 133.7110,
-15.1405, 2.8845

■ 108.5260,
-14.5563, 2.1697

■ 83.7540, -13.6827,
1.9697

■ 60.8680, -13.2459,

1.8698

■ 38.6830, -12.6617,
1.1550

■ 18.8830, -9.3093,
-0.7744

■ 243.2550,
-16.8877, 3.2844

■ 243.2550,
-16.8877, 3.2844

■ 240.1060,
-27.6603, 5.1690

■ 246.4040, -6.1152,
1.3997

■ 237.2560,
-38.5802, 7.6685

■ 248.7980, 3.0576,
-0.6998

■ 234.2210,
-48.9160, 9.4532

■ 249.0970, 2.9102,
-0.0851

■ 231.0720,
-59.6885, 11.3379

■ 249.3960, 2.7628,
0.5297

■ 228.2220,
-70.6084, 13.8373

■ 249.6950, 2.6154,
1.1445

■ 225.0730,
-81.3810, 15.7220

■ 249.9940, 2.4680,
1.7593

■ 222.2230,
-92.3009, 18.2214

■ 250.2930, 2.3206,
2.3740

■ 219.1880,
-102.6367, 20.0061

■ 217.9340,
-107.4415, 21.1059

Harmonies

Analogous

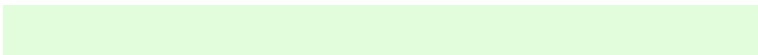
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.0110, -16.7674, 11.3914



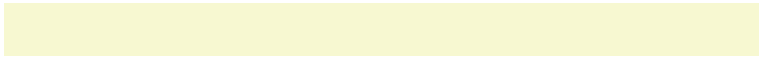
243.2550, -16.8877, 3.2844



240.8660, -10.2869, -13.9145

Triad

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



243.2550, -16.8877, 3.2844



237.6690, 8.5442, -33.9127



241.8580, 5.4930, 11.5255

Complementary

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



243.2550, -16.8877, 3.2844



213.7450, 16.8877, -3.2844

Split Complementary

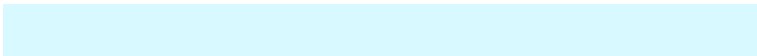
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.8470, 5.4984, 9.7812



243.2550, -16.8877, 3.2844



239.8170, 7.4852, -20.8875

Square

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



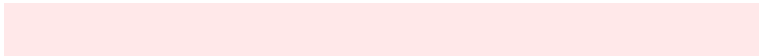
243.2550, -16.8877, 3.2844



237.3590, 8.6970, -36.2718



243.7700, 5.5364, -2.4293



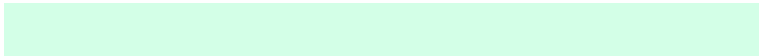
238.9910, -2.9536, 14.0399

Rectangle

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



243.2550, -16.8877, 3.2844



239.1080, -3.9972, -24.6507



243.7700, 5.5364, -2.4293



242.6730, 6.0772, 10.8108

Sweetspot

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



243.2550, -16.8877, 3.2844



253.5180, -5.6784, 1.2997



221.2480, -6.0383, 23.4615



126.7890, -3.3470, 0.1850



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

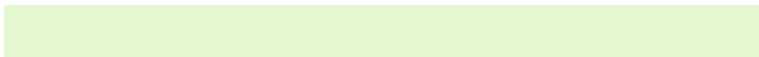
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.2550, -16.8877, 3.2844



249.2290, -20.8189, 4.1842



237.5740, -14.0870, -8.3964



123.5180, -5.6784, 1.2997



165.9590, -81.8178, 15.8220



53.7470, -26.4973, 5.4839

Inverse Universe

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



213.7450, 16.8877, -3.2844



212.7710, 20.8189, -4.1842



219.4260, 14.0870, 8.3964



113.7810, 5.5310, -0.6849



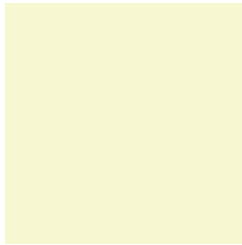
23.0410, 81.8178, -15.8220



7.5520, 26.3499, -4.8691

Previews

White Background



This preview shows how the YUV color 243.2550, -16.8877, 3.2844 looks on a white background.

Color Contrast Check

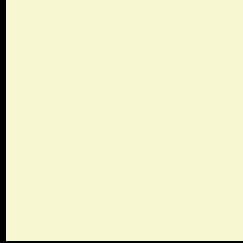
Large Text (above 18pt) WCAG AA × Fail

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 243.2550, -16.8877, 3.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

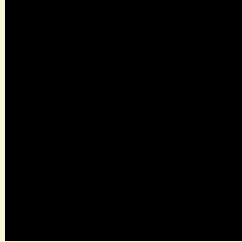
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

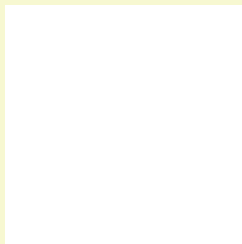
Any Text WCAG AAA ✓ Pass

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

YUV 243.2550, -16.8877, 3.2844 Background



This preview shows how black text looks on a background with the YUV color 243.2550, -16.8877, 3.2844.



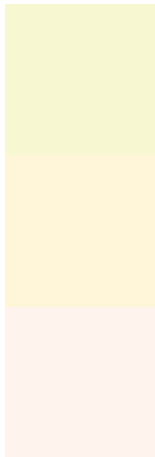
This preview shows how white text looks on a background with the YUV color 243.2550, -16.8877, 3.2844.

3.2844.

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

243.2550, -16.8877, 3.2844

Protanopia

244.7980, -13.7044, 8.9472

Deuteranopia

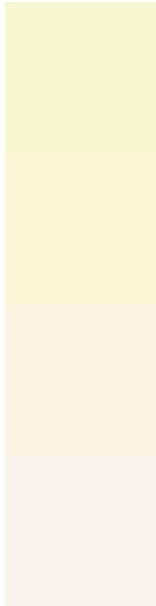
245.9040, -4.3897, 7.9772



Tritanopia

246.1730, 4.3517, 4.2333

Trichromacy



Original Color

243.2550, -16.8877, 3.2844

Protanomaly

244.1460, -14.8620, 6.8880

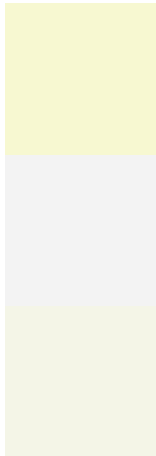
Deuteranomaly

245.0410, -8.8942, 6.1030

Tritanomaly

245.1100, -3.5052, 4.2885

Monochromacy



Original Color

243.2550, -16.8877, 3.2844

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

243.1050, -5.9678, 0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 243.2550, -16.8877, 3.2844 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(247, 248, 209)` looks like.

```
.text, #text, p{  
    color:rgb(247, 248, 209)  
}
```

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(247, 248, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 248, 209) }
```

Border

The CSS property to change the border of an element to YUV 243.2550, -16.8877, 3.2844 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(247, 248, 209) }
```


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

```
.border{ border-color:rgb(247, 248, 209) }
```

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

Here you see how a box with a 4 pixel rgb(247, 248, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 248, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 248, 209);  
box-shadow:4px 4px 4px 4px rgb(247, 248,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 243.2550, -16.8877, 3.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 248, 209) }
```

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

```
.background{ background-color: rgb(247,  
248, 209) }
```

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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