

Converting Colors

YUV(243.3160, -19.3828,
10.2469)

Have a look what the booklet for
YUV(243.3160, -19.3828, 10.2469)
contains.

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Color

**YUV(243.3160, -19.3828,
10.2469)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF5CC
RGB	255, 245, 204
RGB Percent	100%, 96%, 80%
CMY	0.0000, 0.0392, 0.2000
CMYK	0.00, 0.04, 0.20, 0.00
HSL	48°, 100%, 90%
HSV	48°, 20%, 100%
XYZ	84.7915, 90.9244, 70.2079
YIQ	243.3160, 19.1210, -10.6310

Conversions

Conversions Part 2

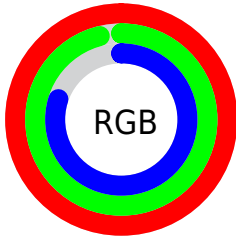
Format	Color
R_{YB}	216, 255, 204
Decimal	16774604
CIE Lab	96.38, -3.06, 20.97
CIE LCh	96, 21.195, 98.311
Yxy	90.9244, 0.3448, 0.3697
Android (android.graphics.Color)	4294964684 (0xFFFFF5CC)
YUV	243.3160, -19.3828, 10.2469
Hunter-Lab	95.3543, -8.1433, 23.0937

Details

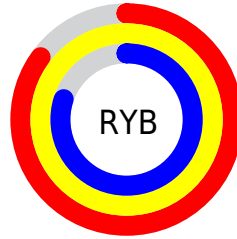
The YUV color **243.3160, -19.3828, 10.2469** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **215.6840, 19.3828, -10.2469**, and the grayscale version is **243.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **187.2450, -18.3618, 9.4321** is the 20% darker color. If you saturate the color by 10%, you get **237.5310, -28.8558, 15.3203**, and if you desaturate by 10%, it is **249.2150, -9.4730, 5.0734**.

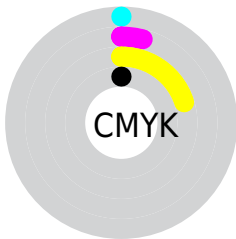
Distribution



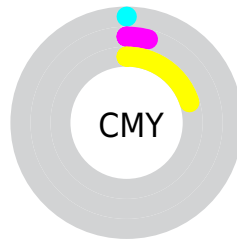
- Red (100%)
- Green (96%)
- Blue (80%)



- Red (85%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 243.3160, -19.3828, 10.2469 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 243.3160, -19.3828, 10.2469 by changing the saturation by 10% instead.

243.3160,
-19.3828, 10.2469

243.3160,
-19.3828, 10.2469

255.0000, 0.0000,
0.0000

215.0170,
-19.2354, 9.6321

187.2450,
-18.3618, 9.4321

160.0600,
-17.7776, 8.7174

134.1740,
-17.3408, 8.6174

108.4020,
-16.4672, 8.4174

83.9180, -15.7356,
7.0879

60.7330, -15.1514,

6.3732

■ 38.3200, -15.4408,
5.8584

■ 19.2040, -9.4676,
3.3291

■ 243.3160,
-19.3828, 10.2469

■ 243.3160,
-19.3828, 10.2469

■ 237.5310,
-28.8558, 15.3203

■ 249.2150, -9.4730,
5.0734

■ 231.6320,
-38.7656, 20.4937

255.0000, 0.0000,
0.0000

■ 225.8470,
-48.2386, 25.5672

■ 219.9480,
-58.1484, 30.7406

■ 214.1630,
-67.6214, 35.8140

■ 208.2640,
-77.5312, 40.9875

■ 202.3650,
-87.4409, 46.1609

■ 196.5800,
-96.9139, 51.2343

Harmonies

Analogous

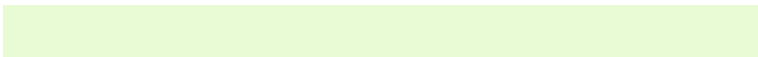
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.5490, -16.0467, 13.5505



243.3160, -19.3828, 10.2469



240.8730, -14.2344, -7.7816

Triad

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



243.3160, -19.3828, 10.2469



235.8640, 9.4340, -39.3457



241.4990, 6.6560, 11.8404

Complementary

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



243.3160, -19.3828, 10.2469



215.6840, 19.3828, -10.2469

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.



244.4340, 5.2090, 9.2664



243.3160, -19.3828, 10.2469



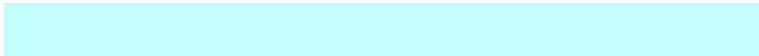
237.7020, 8.5279, -28.6797

Square

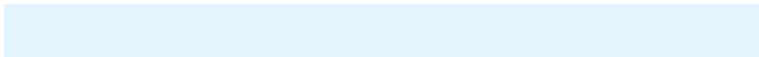
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



243.3160, -19.3828, 10.2469



236.1910, 6.8078, -37.0015



240.7690, 7.0159, -10.3214



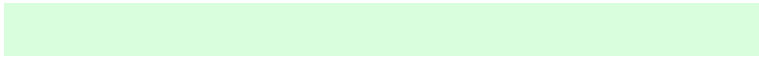
238.5010, 0.2460, 14.4696

Rectangle

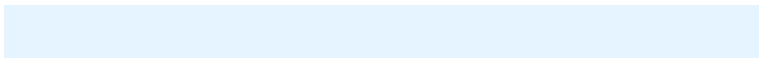
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



243.3160, -19.3828, 10.2469



238.9900, -8.3761, -20.1622



240.7690, 7.0159, -10.3214



242.6730, 6.0772, 10.8108

Sweetspot

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



243.3160, -19.3828, 10.2469



251.5290, -5.6838, 3.0441



220.3890, -3.1498, 30.3538



125.8000, -3.3524, 1.9294



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

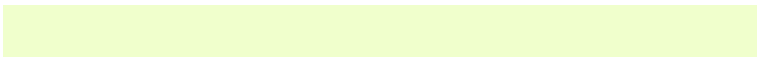
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.3160, -19.3828, 10.2469



241.0020, -23.1720, 12.2762



244.7010, -20.0656, -4.1228



124.7570, -4.8102, 2.8441



147.5070, -72.7210, 38.1434



49.0730, -24.1930, 13.0910

Inverse Universe

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



215.6840, 19.3828, -10.2469



207.9980, 23.1720, -12.2762



214.2990, 20.0656, 4.1228



117.6560, 5.0996, -2.3293



43.4930, 72.7210, -38.1434



14.3400, 24.4824, -12.5762

Previews

White Background



This preview shows how the YUV color 243.3160, -19.3828, 10.2469 looks on a white background.

Color Contrast Check

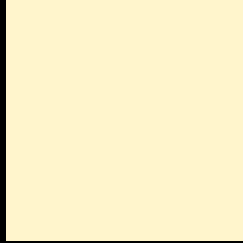
Large Text (above 18pt) WCAG AA × Fail

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 243.3160, -19.3828, 10.2469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

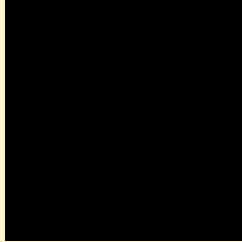
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 243.3160, -19.3828, 10.2469

Background



This preview shows how black text looks on a background with the YUV color 243.3160, -19.3828, 10.2469.

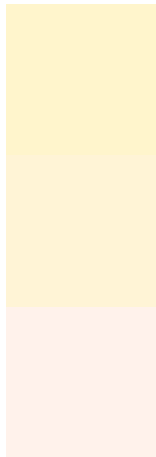


This preview shows how white text looks on a background with the YUV color 243.3160, -19.3828, 10.2469.

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

243.3160, -19.3828, 10.2469

Protanopia

243.8690, -14.7254, 9.7619

Deuteranopia

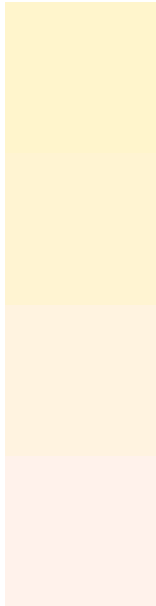
245.0890, -4.9739, 8.6919



Tritanopia

246.4400, 2.7411, 7.5071

Trichromacy



Original Color

243.3160, -19.3828, 10.2469

Protanomaly

243.4130, -16.4726, 10.1618

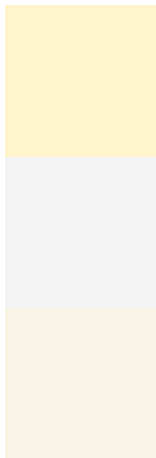
Deuteranomaly

244.4220, -10.0680, 9.2769

Tritanomaly

245.0890, -4.9739, 8.6919

Monochromacy



Original Color

243.3160, -19.3828, 10.2469

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

243.1870, -6.9942, 3.3440

CSS Examples

Text

The CSS property to change the color of the text to YUV 243.3160, -19.3828, 10.2469 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(255, 245, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 204)  
}
```

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(255, 245, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 204) }
```

Border

The CSS property to change the border of an element to YUV 243.3160, -19.3828, 10.2469 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(255, 245, 204) }
```


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

```
.border{ border-color:rgb(255, 245, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 243.3160, -19.3828, 10.2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 204) }
```

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

```
.background{ background-color: rgb(255,  
245, 204) }
```

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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