

Converting Colors

YUV(241.3580, -16.4455,
1.4400)

Have a look what the booklet for
YUV(241.3580, -16.4455, 1.4400)
contains.

YUV(241.3580, -16.4455, 1.4400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(241.3580, -16.4455,
1.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F7D0
RGB	243, 247, 208
RGB Percent	95%, 97%, 82%
CMY	0.0471, 0.0314, 0.1843
CMYK	0.02, 0.00, 0.16, 0.03
HSL	66°, 71%, 89%
HSV	66°, 16%, 97%
XYZ	81.6081, 90.1303, 72.7702
YIQ	241.3580, 10.1350, -12.9770

Conversions

Conversions Part 2

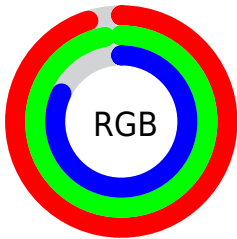
Format	Color
R_{YB}	208, 247, 212
Decimal	15988688
CIE _{Lab}	96.05, -7.75, 18.33
CIE _{LCh}	96, 19.900, 112.920
Yxy	90.1303, 0.3338, 0.3686
Android (android.graphics.Color)	4294178768 (0xFFFF3F7D0)
YUV	241.3580, -16.4455, 1.4400
Hunter-Lab	94.9370, -12.7006, 21.0095

Details

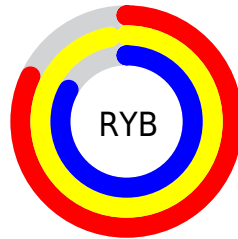
The YUV color $241.3580, -16.4455, 1.4400$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $213.6420, 16.4455, -1.4400$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.5860, -15.5719, 1.2401$ is the 20% darker color. If you saturate the color by 10%, you get $237.6110, -26.9232, 2.0952$, and if you desaturate by 10%, it is $245.1050, -5.9678, 0.7849$.

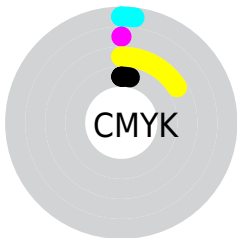
Distribution



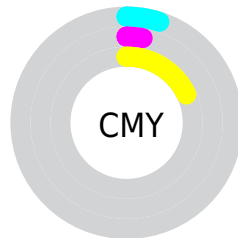
- Red (95%)
- Green (97%)
- Blue (82%)



- Red (82%)
- Yellow (97%)
- Blue (83%)



- Cyan (2%)
- Magenta (0%)
- Yellow (16%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.3580, -16.4455, 1.4400 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 241.3580, -16.4455, 1.4400 by changing the saturation by 10% instead.

■ 241.3580,
-16.4455, 1.4400

■ 241.3580,
-16.4455, 1.4400

255.0000, 0.0000,
0.0000

■ 213.0590,
-16.2981, 0.8253

■ 185.5860,
-15.5719, 1.2401

■ 158.5860,
-15.5719, 1.2401

■ 131.8140,
-14.6983, 1.0401

■ 106.9280,
-14.2615, 0.9401

■ 82.7430, -13.6773,
0.2254

■ 59.2700, -12.9511,

0.6402

■ 37.3840, -12.5143,
0.5402

■ 16.8010, -8.2829,
-3.3335

■ 241.3580,
-16.4455, 1.4400

■ 241.3580,
-16.4455, 1.4400

■ 237.6110,
-26.9232, 2.0952

■ 245.1050, -5.9678,
0.7849

■ 234.2770,
-37.1116, 3.2651

■ 248.2110, 3.3470,
-0.1850

■ 230.5300,
-47.5893, 3.9202

■ 249.1080, 2.9048,
1.6593

■ 227.0820,
-58.2144, 5.1901

■ 249.7060, 2.6099,
2.8888

■ 223.4490,
-68.2554, 5.7452

■ 250.3040, 2.3151,
4.1184

■ 220.0010,
-78.8805, 7.0151

■ 216.2540,
-89.3582, 7.6702

■ 212.8060,
-99.9834, 8.9401

■ 211.3670,
-104.2039, 9.3251

Harmonies

Analogous

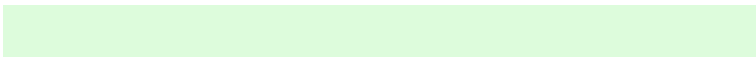
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.1960, -17.3516, 12.1061



241.3580, -16.4455, 1.4400



239.0830, -9.4079, -15.8588

Triad

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



241.3580, -16.4455, 1.4400



236.4950, 9.1230, -32.8831



240.2280, 4.3246, 12.9550

Complementary

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



241.3580, -16.4455, 1.4400



213.6420, 16.4455, -1.4400

Split Complementary

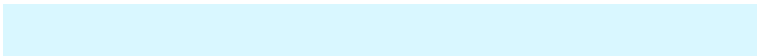
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.6730, 6.0772, 10.8108



241.3580, -16.4455, 1.4400



238.9420, 7.9166, -19.2431

Square

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



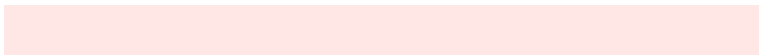
241.3580, -16.4455, 1.4400



236.4620, 9.1392, -38.1162



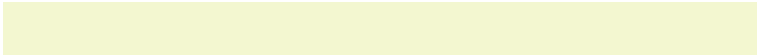
242.3080, 6.2572, -0.2701



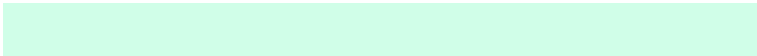
237.9480, -4.4114, 14.9546

Rectangle

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



241.3580, -16.4455, 1.4400



237.7380, -2.8288, -26.0802



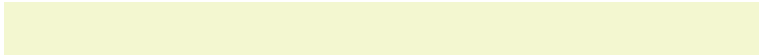
242.3080, 6.2572, -0.2701



241.4990, 6.6560, 11.8404

Sweetspot

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



241.3580, -16.4455, 1.4400



253.2190, -5.5310, 0.6849



222.0090, -6.9064, 21.9171



126.7890, -3.3470, 0.1850



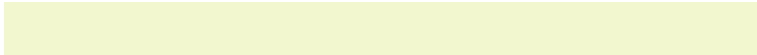
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

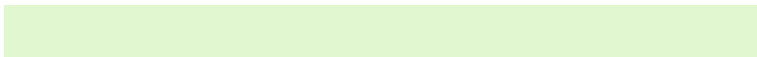
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.3580, -16.4455, 1.4400



248.0330, -20.2293, 1.7251



235.6770, -13.6448, -10.2407



120.3330, -5.0942, 0.5850



159.1150, -78.4437, 6.9151



50.4800, -24.8866, 2.2100

Inverse Universe

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



213.6420, 16.4455, -1.4400



213.9670, 20.2293, -1.7251



219.3230, 13.6448, 10.2407



111.6670, 5.0942, -0.5850



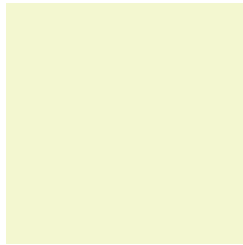
26.8850, 78.4437, -6.9151



8.5200, 24.8866, -2.2100

Previews

White Background



This preview shows how the YUV color 241.3580, -16.4455, 1.4400 looks on a white background.

Color Contrast Check

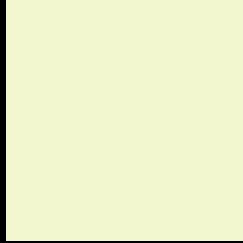
Large Text (above 18pt) WCAG AA × Fail

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 241.3580, -16.4455, 1.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

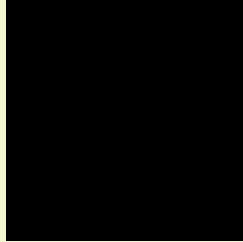
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

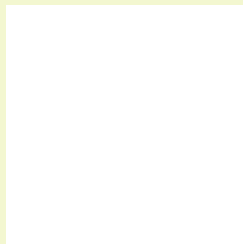
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 241.3580, -16.4455, 1.4400

Background



This preview shows how black text looks on a background with the YUV color 241.3580, -16.4455, 1.4400.



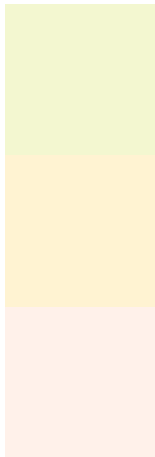
This preview shows how white text looks on a background with the YUV color 241.3580, -16.4455,

1.4400.

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

241.3580, -16.4455, 1.4400

Protanopia

242.8260, -16.1832, 10.6766

Deuteranopia

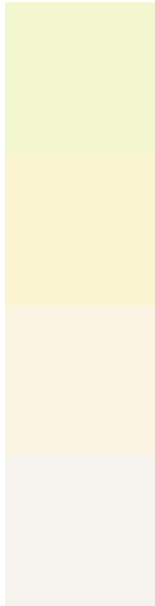
244.3880, -5.1213, 9.3067



Tritanopia

244.6890, 5.0833, 2.9037

Trichromacy



Original Color

241.3580, -16.4455, 1.4400

Protanomaly

242.1030, -16.3198, 7.8027

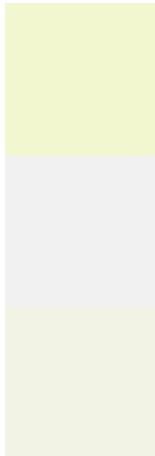
Deuteranomaly

243.3400, -9.0416, 6.7178

Tritanomaly

243.3270, -2.6262, 2.3442

Monochromacy



Original Color

241.3580, -16.4455, 1.4400

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

241.1050, -5.9678, 0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.3580, -16.4455, 1.4400 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(243, 247, 208)` looks like.

```
.text, #text, p{  
    color:rgb(243, 247, 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(243, 247, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 247, 208) }
```

Border

The CSS property to change the border of an element to YUV 241.3580, -16.4455, 1.4400 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(243, 247, 208) }
```


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

```
.border{ border-color:rgb(243, 247, 208) }
```

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

Here you see how a box with a 4 pixel rgb(243, 247, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 247, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 247, 208);  
box-shadow:4px 4px 4px 4px rgb(243, 247,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 241.3580, -16.4455, 1.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 247, 208) }
```

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

```
.background{ background-color: rgb(243,  
247, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor