

Converting Colors

YUV(241.6640, -0.3274,
11.6957)

Have a look what the booklet for
YUV(241.6640, -0.3274, 11.6957)
contains.

YUV(241.6640, -0.3274, 11.6957)	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(241.6640, -0.3274,
11.6957)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEBF1
RGB	255, 235, 241
RGB Percent	100%, 92%, 95%
CMY	0.0000, 0.0784, 0.0549
CMYK	0.00, 0.08, 0.05, 0.00
HSL	342°, 100%, 96%
HSV	342°, 8%, 100%
XYZ	86.8255, 87.0275, 95.4409
YIQ	241.6640, 9.9940, 6.1060

Conversions

Conversions Part 2

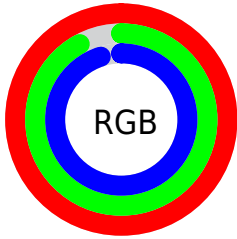
Format	Color
R _Y B	255, 235, 241
Decimal	16772081
CIE Lab	94.75, 7.78, -0.46
CIE LCh	95, 7.790, 356.633
Yxy	87.0275, 0.3224, 0.3232
Android (android.graphics.Color)	4294962161 (0xFFFFEBF1)
YUV	241.6640, -0.3274, 11.6957
Hunter-Lab	93.2885, 2.8786, 4.6441

Details

The YUV color $241.6640, -0.3274, 11.6957$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $248.3360, 0.3274, -11.6957$, 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 $185.3650, -0.1799, 11.0809$ is the 20% darker color. If you saturate the color by 10%, you get $224.9370, -0.9549, 26.3653$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

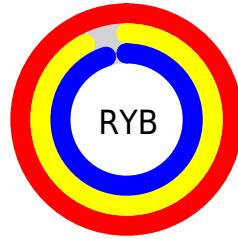
Distribution



Red (100%)

Green (92%)

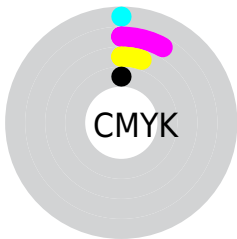
Blue (95%)



Red (100%)

Yellow (92%)

Blue (95%)

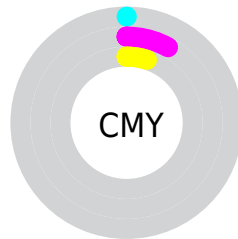


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (8%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.6640, -0.3274, 11.6957 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 241.6640, -0.3274, 11.6957 by changing the saturation by 10% instead.

 241.6640, -0.3274,
11.6957


 241.6640, -0.3274,
11.6957

255.0000, 0.0000,
0.0000


 213.3650, -0.1799,
11.0809

 185.3650, -0.1799,
11.0809

 158.3650, -0.1799,
11.0809

 132.6530, -0.3219,
9.9513

 107.6530, -0.3219,
9.9513

 83.3540, -0.1745,
9.3365

 60.0550, -0.0271,

8.7218

■ 38.0550, -0.0271,
8.7218

■ 16.4680, 0.2623,
9.2366

■ 241.6640, -0.3274,
11.6957

■ 241.6640, -0.3274,
11.6957

■ 224.9370, -0.9549,
26.3653

255.0000, 0.0000,
0.0000

■ 207.6230, -1.2931,
41.5496

■ 190.3090, -1.6313,
56.7340

■ 173.6960, -1.8221,
71.3036

■ 156.3820, -2.1603,
86.4880

■ 139.6550, -2.7879,
101.1576

■ 122.9280, -3.4155,
115.8271

■ 105.6140, -3.7537,
131.0115

■ 88.8870, -4.3813,
145.6811

Harmonies

Analogous

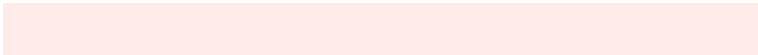
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.2550, 3.3253, 6.7924



241.6640, -0.3274, 11.6957



240.7520, -3.8217, 12.4955

Triad

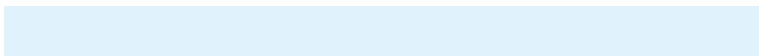
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.6640, -0.3274, 11.6957



238.6920, -6.2572, 0.2701



238.3450, 6.7319, -12.5806

Complementary

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



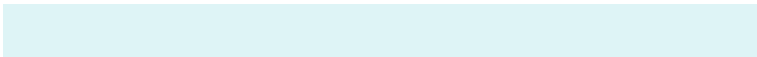
241.6640, -0.3274, 11.6957



248.3360, 0.3274, -11.6957

Split Complementary

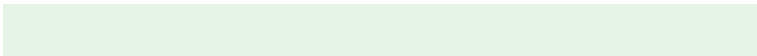
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.6500, 4.1165, -13.7251



241.6640, -0.3274, 11.6957



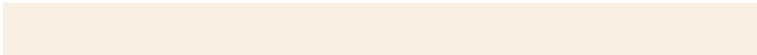
237.7450, -3.3253, -6.7924

Square

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



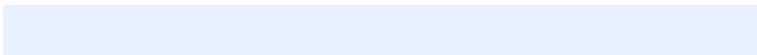
241.6640, -0.3274, 11.6957



239.7960, -7.2944, 6.3179



237.4500, 0.7642, -11.7956



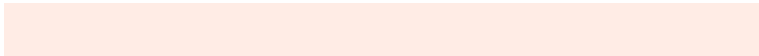
239.6060, 7.5892, -7.5475

Rectangle

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



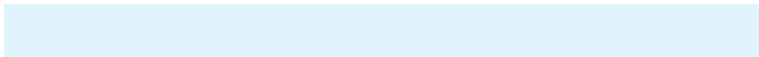
241.6640, -0.3274, 11.6957



240.8830, -5.8583, 12.3806



237.4500, 0.7642, -11.7956



238.5190, 6.1531, -13.6102

Sweetspot

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



241.6640, -0.3274, 11.6957



251.6090, -0.3002, 2.9739



241.4660, 6.6723, 6.6073



126.0110, -0.0054, 1.7444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

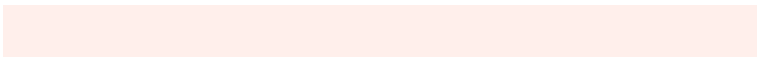
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.6640, -0.3274, 11.6957



239.6750, -0.3328, 13.4400



243.3280, -4.1057, 10.2363



119.3430, -0.1691, 7.5922



63.6070, -3.2573, 111.7237



21.3020, -1.1349, 37.4461

Inverse Universe

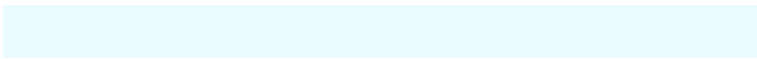
The Inverse Universe completely reimagines the original color for something new.



241.6640, -0.3274, 11.6957



239.6750, -0.3328, 13.4400



246.6720, 4.1057, -10.2363



119.3430, -0.1691, 7.5922



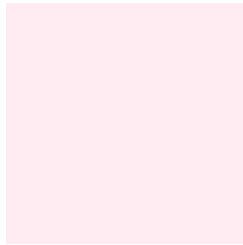
63.6070, -3.2573, 111.7237



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 241.6640, -0.3274, 11.6957 looks on a white background.

Color Contrast Check

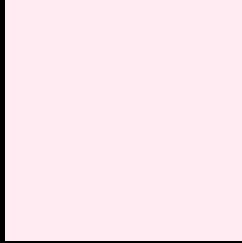
Large Text (above 18pt) WCAG AA × Fail

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 241.6640, -0.3274, 11.6957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

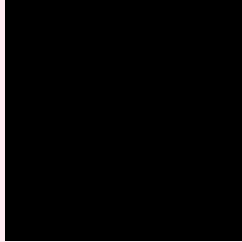
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 241.6640, -0.3274, 11.6957

Background



This preview shows how black text looks on a background with the YUV color 241.6640, -0.3274, 11.6957.

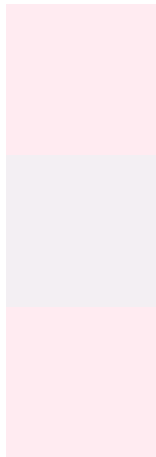


This preview shows how white text looks on a background with the YUV color 241.6640, -0.3274,

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

241.6640, -0.3274, 11.6957

Protanopia

240.6520, 1.1576, 2.0592

Deuteranopia

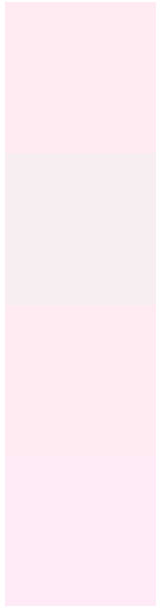
241.6640, -0.3274, 11.6957



Tritanopia

242.2170, 4.3300, 11.2107

Trichromacy



Original Color

241.6640, -0.3274, 11.6957

Protanomaly

241.1470, 0.4205, 5.1331

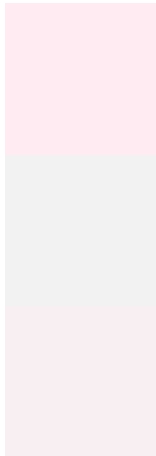
Deuteranomaly

241.6640, -0.3274, 11.6957

Tritanomaly

241.7610, 2.5828, 11.6106

Monochromacy



Original Color

241.6640, -0.3274, 11.6957

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.7340, 0.1311, 4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.6640, -0.3274, 11.6957 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, 235, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 241)  
}
```

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, 235, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 241) }
```

Border

The CSS property to change the border of an element to YUV 241.6640, -0.3274, 11.6957 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, 235, 241) }
```


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

```
.border{ border-color:rgb(255, 235, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 241.6640, -0.3274, 11.6957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 241) }
```

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

```
.background{ background-color: rgb(255,  
235, 241) }
```

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