

Converting Colors

YUV(241.6100, -1.7797,
10.8660)

Have a look what the booklet for
YUV(241.6100, -1.7797, 10.8660)
contains.

YUV(241.6100, -1.7797, 10.8660)	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(241.6100, -1.7797,
10.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	FEECEE
RGB	254, 236, 238
RGB Percent	100%, 93%, 93%
CMY	0.0039, 0.0745, 0.0667
CMYK	0.00, 0.07, 0.06, 0.00
HSL	353°, 90%, 96%
HSV	353°, 7%, 100%
XYZ	86.3011, 87.2348, 93.1784
YIQ	241.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

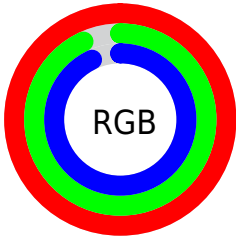
Format	Color
R _Y B	254, 236, 238
Decimal	16706798
CIE Lab	94.84, 6.42, 1.22
CIE LCh	95, 6.533, 10.749
Yxy	87.2348, 0.3236, 0.3271
Android (android.graphics.Color)	4294896878 (0xFFFECEEE)
YUV	241.6100, -1.7797, 10.8660
Hunter-Lab	93.3996, 1.4846, 6.2301

Details

The YUV color $241.6100, -1.7797, 10.8660$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $248.3900, 1.7797, -10.8660$, 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 $185.3110, -1.6323, 10.2513$ is the 20% darker color. If you saturate the color by 10%, you get $224.3130, -4.5913, 26.0355$, and if you desaturate by 10%, it is $254.7010, 0.1474, -0.6148$.

Distribution



Red (100%)

Green (93%)

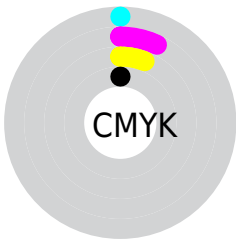
Blue (93%)



Red (100%)

Yellow (93%)

Blue (93%)



Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 241.6100, -1.7797, 10.8660 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 241.6100, -1.7797, 10.8660 by changing the saturation by 10% instead.


 241.6100, -1.7797,
10.8660


 241.6100, -1.7797,
10.8660


255.0000, 0.0000,
0.0000


 213.3110, -1.6323,
10.2513

 185.3110, -1.6323,
10.2513

 158.3110, -1.6323,
10.2513

 132.0120, -1.4849,
9.6365

 107.0120, -1.4849,
9.6365

 82.7130, -1.3375,
9.0217

 60.0010, -1.4795,

7.8921

■ 38.1150, -1.0427,
7.7921

■ 16.7130, -1.3375,
9.0217

■ 241.6100, -1.7797,
10.8660

■ 241.6100, -1.7797,
10.8660

■ 224.3130, -4.5913,
26.0355

254.7010, 0.1474,
-0.6148

■ 206.5430, -6.6767,
41.6198

■ 189.2460, -9.4883,
56.7893

■ 171.4760,
-11.5737, 72.3735

■ 154.1790,
-14.3852, 87.5430

■ 136.9960,
-16.7600, 102.6125

■ 119.1120,
-19.2822, 118.2968

■ 101.8150,
-22.0938, 133.4662

■ 84.0450, -24.1792,
149.0505

Harmonies

Analogous

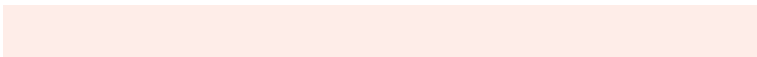
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.3970, 1.2833, 8.4218



241.6100, -1.7797, 10.8660



241.5130, -4.6899, 10.9511

Triad

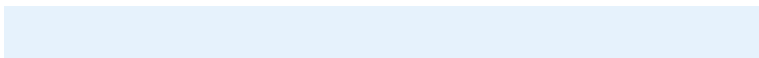
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.6100, -1.7797, 10.8660



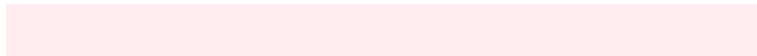
238.8380, -4.3571, -2.4889



239.5520, 6.1369, -8.3771

Complementary

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



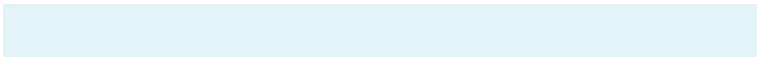
241.6100, -1.7797, 10.8660



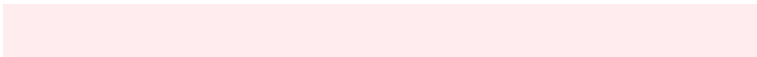
248.3900, 1.7797, -10.8660

Split Complementary

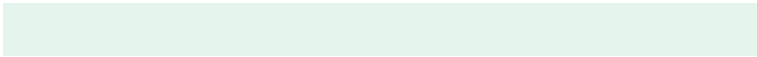
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.4870, 4.6899, -10.9511



241.6100, -1.7797, 10.8660



238.6030, -1.2833, -8.4218

Square

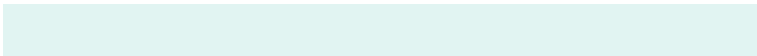
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.6100, -1.7797, 10.8660



239.5290, -5.6838, 3.0441



238.0910, 1.9271, -11.4808



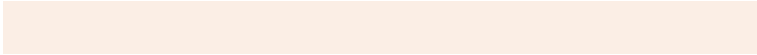
240.4710, 5.6838, -3.0441

Rectangle

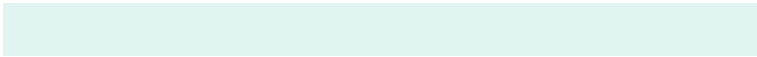
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



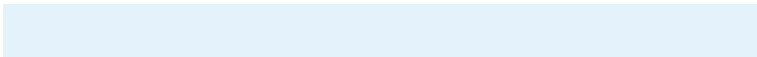
241.6100, -1.7797, 10.8660



240.8610, -5.8475, 8.8919



238.0910, 1.9271, -11.4808



238.8400, 5.9949, -9.5067

Sweetspot

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



241.6100, -1.7797, 10.8660



251.4950, -0.7370, 3.0739



242.8360, 5.5039, 8.0368



125.8970, -0.4422, 1.8443



0.0000, 0.0000, 0.0000



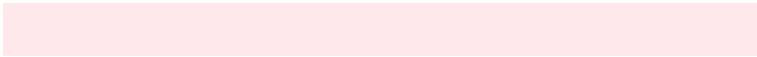
128.0000, 0.0000, 0.0000

Same Dimension

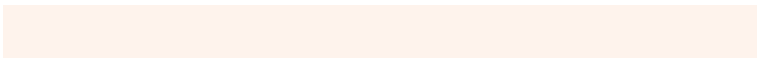
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.6100, -1.7797, 10.8660



239.2190, -2.0800, 13.8399



245.4910, -4.6791, 7.4624



119.0010, -1.4795, 7.8921



59.5030, -18.9820, 115.3229



19.9340, -6.3765, 38.6459

Inverse Universe

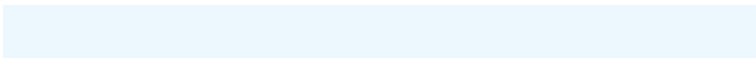
The Inverse Universe completely reimagines the original color for something new.



241.6100, -1.7797, 10.8660



239.2190, -2.0800, 13.8399



244.5090, 4.6791, -7.4624



119.0010, -1.4795, 7.8921



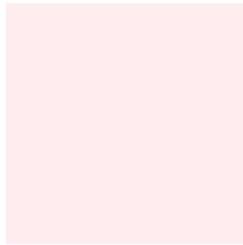
59.5030, -18.9820, 115.3229



19.9340, -6.3765, 38.6459

Previews

White Background



This preview shows how the YUV color 241.6100, -1.7797, 10.8660 looks on a white background.

Color Contrast Check

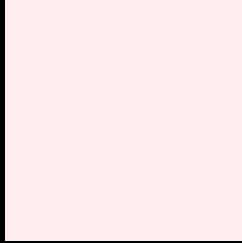
Large Text (above 18pt) WCAG AA × Fail

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 241.6100, -1.7797, 10.8660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

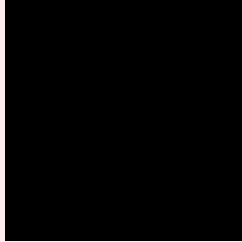
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 241.6100, -1.7797, 10.8660

Background



This preview shows how black text looks on a background with the YUV color 241.6100, -1.7797, 10.8660.



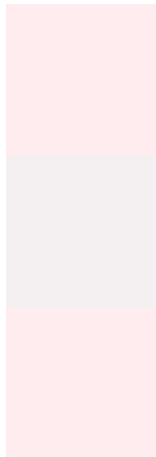
This preview shows how white text looks on a background with the YUV color 241.6100, -1.7797,

10.8660.

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

241.6100, -1.7797, 10.8660

Protanopia

240.6090, -0.3002, 2.9739

Deuteranopia

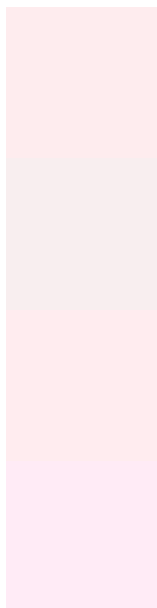
242.0230, -1.4903, 11.3808



Tritanopia

242.2170, 4.3300, 11.2107

Trichromacy



Original Color

241.6100, -1.7797, 10.8660

Protanomaly

241.1040, -1.0373, 6.0478

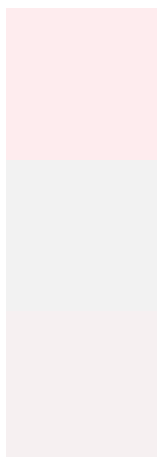
Deuteranomaly

242.0230, -1.4903, 11.3808

Tritanomaly

242.2340, 1.8566, 11.1958

Monochromacy



Original Color

241.6100, -1.7797, 10.8660

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.9080, -0.4476, 3.5887

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.6100, -1.7797, 10.8660 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(254, 236, 238)` looks like.

```
.text, #text, p{  
    color:rgb(254, 236, 238)  
}
```

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(254, 236, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 236, 238) }
```

Border

The CSS property to change the border of an element to YUV 241.6100, -1.7797, 10.8660 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(254, 236, 238) }
```


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

```
.border{ border-color:rgb(254, 236, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 236, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 236, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 236, 238);  
box-shadow:4px 4px 4px 4px rgb(254, 236,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 241.6100, -1.7797, 10.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 236, 238) }
```

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

```
.background{ background-color: rgb(254,  
236, 238) }
```

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