

Converting Colors

YUV(240.8660, -3.3849,
12.3955)

Have a look what the booklet for
YUV(240.8660, -3.3849, 12.3955)
contains.

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Color

**YUV(240.8660, -3.3849,
12.3955)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEBEA
RGB	255, 235, 234
RGB Percent	100%, 92%, 92%
CMY	0.0000, 0.0784, 0.0824
CMYK	0.00, 0.08, 0.08, 0.00
HSL	3°, 100%, 96%
HSV	3°, 8%, 100%
XYZ	85.7996, 86.6172, 90.0386
YIQ	240.8660, 12.2410, 3.9290

Conversions

Conversions Part 2

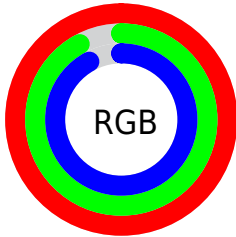
Format	Color
R _Y B	255, 235, 234
Decimal	16772074
CIE Lab	94.58, 6.61, 2.92
CIE LCh	95, 7.227, 23.863
Yxy	86.6172, 0.3269, 0.3300
Android (android.graphics.Color)	4294962154 (0xFFFFEBEA)
YUV	240.8660, -3.3849, 12.3955
Hunter-Lab	93.0683, 1.6894, 7.7880

Details

The YUV color $240.8660, -3.3849, 12.3955$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $248.1340, 3.3849, -12.3955$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.5670, -3.2375, 11.7807$ is the 20% darker color. If you saturate the color by 10%, you get $223.9280, -7.3595, 27.2501$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

Distribution



Red (100%)

Green (92%)

Blue (92%)



Red (100%)

Yellow (92%)

Blue (92%)



Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.8660, -3.3849, 12.3955 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 240.8660, -3.3849, 12.3955 by changing the saturation by 10% instead.

 240.8660, -3.3849,
12.3955


 240.8660, -3.3849,
12.3955


255.0000, 0.0000,
0.0000


 212.5670, -3.2375,
11.7807

 184.5670, -3.2375,
11.7807

 158.2680, -3.0901,
11.1660

 131.9690, -2.9427,
10.5512

 106.9690, -2.9427,
10.5512

 82.6700, -2.7953,
9.9364

 59.3710, -2.6479,

9.3216

■ 37.1860, -2.0637,
8.6069

■ 15.9690, -2.9427,
10.5512

■ 240.8660, -3.3849,
12.3955

■ 240.8660, -3.3849,
12.3955

■ 223.9280, -7.3595,
27.2501

255.0000, 0.0000,
0.0000

■ 206.2890,
-11.4815, 42.7195

■ 189.2370,
-15.8928, 57.6742

■ 172.2990,
-19.8674, 72.5288

■ 155.2470,
-24.2788, 87.4834

■ 137.7220,
-27.9639, 102.8528

■ 120.7840,
-31.9385, 117.7074

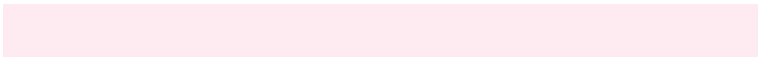
■ 103.7320,
-36.3499, 132.6620

■ 86.2070, -40.0351,
148.0315

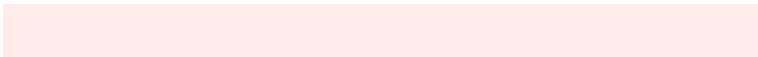
Harmonies

Analogous

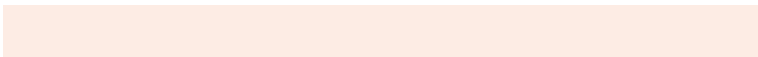
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.0660, -0.0325, 10.4661



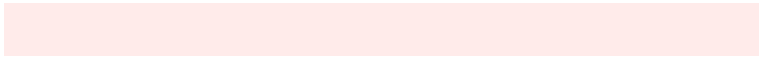
240.8660, -3.3849, 12.3955



240.1710, -6.0003, 11.2510

Triad

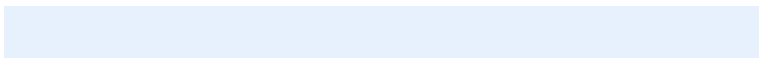
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.8660, -3.3849, 12.3955



238.0440, -3.4727, -6.1776



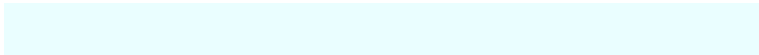
238.7910, 7.0050, -6.8327

Complementary

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



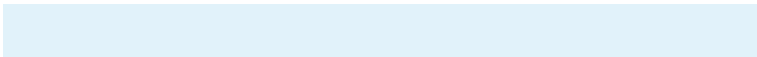
240.8660, -3.3849, 12.3955



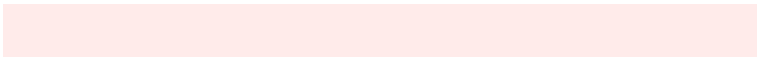
248.1340, 3.3849, -12.3955

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.



237.8290, 6.0003, -11.2510



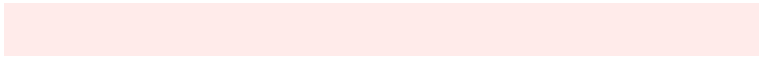
240.8660, -3.3849, 12.3955



237.6350, 0.1799, -11.0809

Square

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



240.8660, -3.3849, 12.3955



238.8060, -5.8204, 0.1701



237.8350, 3.5323, -13.0103



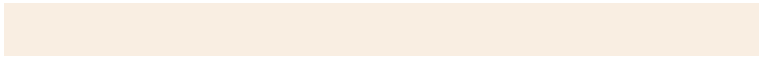
239.8950, 5.9678, -0.7849

Rectangle

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



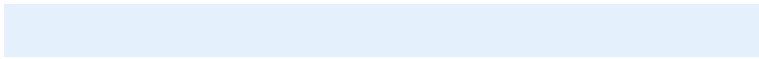
240.8660, -3.3849, 12.3955



239.9210, -6.8631, 7.9623



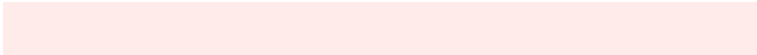
237.8350, 3.5323, -13.0103



238.4810, 7.1579, -9.1918

Sweetspot

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



240.8660, -3.3849, 12.3955



251.4950, -0.7370, 3.0739



242.5590, 5.6404, 10.9108



125.8970, -0.4422, 1.8443



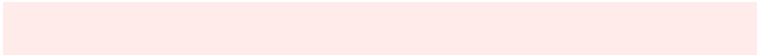
0.0000, 0.0000, 0.0000



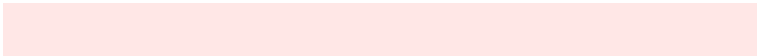
128.0000, 0.0000, 0.0000

Same Dimension

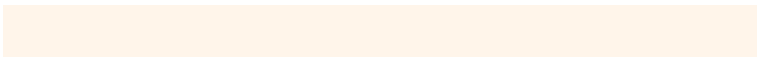
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.8660, -3.3849, 12.3955



238.0620, -3.9746, 14.8546



246.7360, -6.2788, 7.2475



118.8870, -1.9163, 7.9921



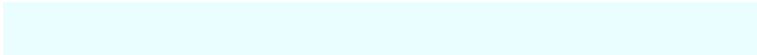
62.3920, -30.7593, 112.7892



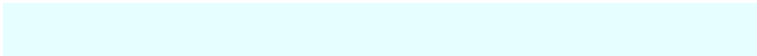
20.8970, -10.3022, 37.8013

Inverse Universe

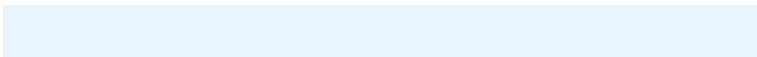
The Inverse Universe completely reimagines the original color for something new.



248.1340, 3.3849, -12.3955



246.9380, 3.9746, -14.8546



242.2640, 6.2788, -7.2475



123.5260, 2.2057, -7.4773



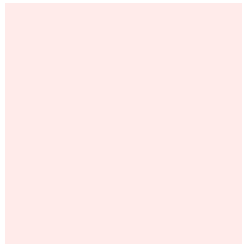
128.6080, 30.7593, -112.7892



43.1030, 10.3022, -37.8013

Previews

White Background



This preview shows how the YUV color 240.8660, -3.3849, 12.3955 looks on a white background.

Color Contrast Check

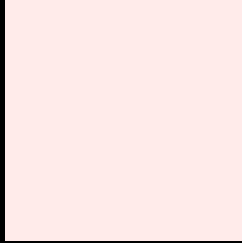
Large Text (above 18pt) WCAG AA × Fail

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 240.8660, -3.3849, 12.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

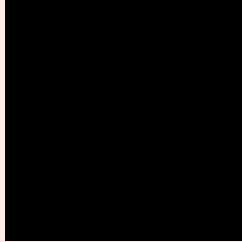
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

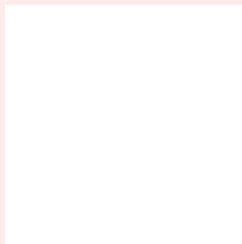
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.8660, -3.3849, 12.3955

Background



This preview shows how black text looks on a background with the YUV color 240.8660, -3.3849, 12.3955.



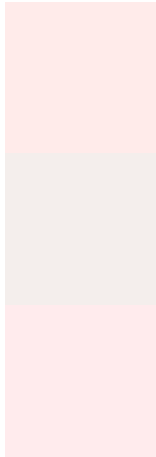
This preview shows how white text looks on a background with the YUV color 240.8660, -3.3849,

12.3955.

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

240.8660, -3.3849, 12.3955

Protanopia

239.5660, -1.7580, 3.8886

Deuteranopia

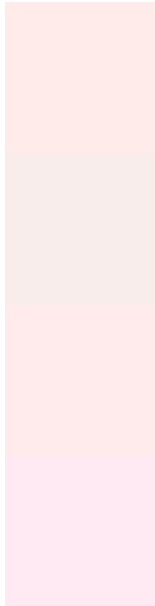
241.2080, -2.0745, 12.0956



Tritanopia

241.4020, 3.7458, 11.9254

Trichromacy



Original Color

240.8660, -3.3849, 12.3955

Protanomaly

240.0610, -2.4951, 6.9625

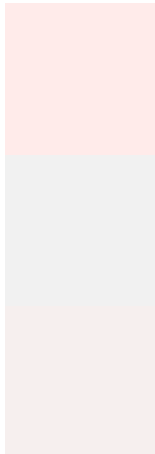
Deuteranomaly

241.0940, -2.5113, 12.1956

Tritanomaly

241.4190, 1.2724, 11.9105

Monochromacy



Original Color

240.8660, -3.3849, 12.3955

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.9790, -1.4686, 4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.8660, -3.3849, 12.3955 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 234) }
```

Border

The CSS property to change the border of an element to YUV 240.8660, -3.3849, 12.3955 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, 234) }
```


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

```
.border{ border-color:rgb(255, 235, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 240.8660, -3.3849, 12.3955 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, 234) }
```

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

```
.background{ background-color: rgb(255,  
235, 234) }
```

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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