

Converting Colors

YUV(240.3930, -2.6587,
12.8103)

Have a look what the booklet for
YUV(240.3930, -2.6587, 12.8103)
contains.

YUV(240.3930, -2.6587, 12.8103)	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(240.3930, -2.6587,
12.8103)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEAEB
RGB	255, 234, 235
RGB Percent	100%, 92%, 92%
CMY	0.0000, 0.0824, 0.0784
CMYK	0.00, 0.08, 0.08, 0.00
HSL	357°, 100%, 96%
HSV	357°, 8%, 100%
XYZ	85.6582, 86.1038, 90.7023
YIQ	240.3930, 12.1950, 4.7630

Conversions

Conversions Part 2

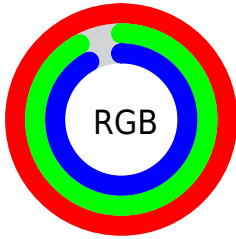
Format	Color
R _Y B	255, 234, 235
Decimal	16771819
CIE Lab	94.36, 7.29, 2.09
CIE LCh	94, 7.580, 15.976
Yxy	86.1038, 0.3264, 0.3281
Android (android.graphics.Color)	4294961899 (0xFFFFEAEB)
YUV	240.3930, -2.6587, 12.8103
Hunter-Lab	92.7921, 2.3906, 6.9998

Details

The YUV color $240.3930, -2.6587, 12.8103$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $248.6070, 2.6587, -12.8103$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.0940, -2.5113, 12.1956$ is the 20% darker color. If you saturate the color by 10%, you get $222.9820, -5.9071, 28.0798$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

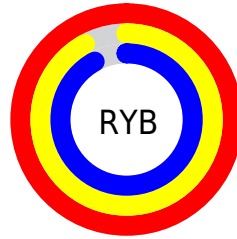
Distribution



Red (100%)

Green (92%)

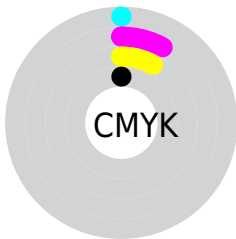
Blue (92%)



Red (100%)

Yellow (92%)

Blue (92%)

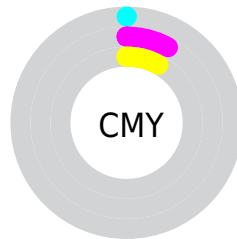


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (8%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 240.3930, -2.6587, 12.8103 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 240.3930, -2.6587, 12.8103 by changing the saturation by 10% instead.

 240.3930, -2.6587,
12.8103

 240.3930, -2.6587,
12.8103

255.0000, 0.0000,
0.0000


 212.0940, -2.5113,
12.1956

 184.0940, -2.5113,
12.1956

 157.7950, -2.3639,
11.5808

 131.4960, -2.2165,
10.9660

 106.4960, -2.2165,
10.9660

 82.1970, -2.0691,
10.3512

 58.8980, -1.9217,

9.7365

■ 37.3000, -1.6269,
8.5069

■ 15.4960, -2.2165,
10.9660

■ 240.3930, -2.6587,
12.8103

■ 240.3930, -2.6587,
12.8103

■ 222.9820, -5.9071,
28.0798

255.0000, 0.0000,
0.0000

■ 204.8700, -9.3029,
43.9640

■ 186.8720,
-12.2619, 59.7483

■ 169.4610,
-15.5103, 75.0177

■ 151.4630,
-18.4693, 90.8019

■ 133.9380,
-22.1544, 106.1714

■ 116.5270,
-25.4028, 121.4408

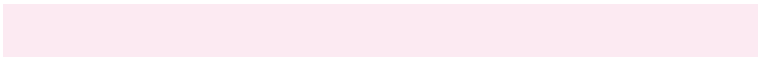
■ 98.5290, -28.3618,
137.2251

■ 81.0040, -32.0470,
152.5945

Harmonies

Analogous

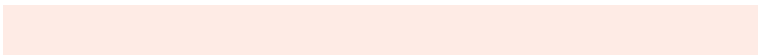
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.2940, 0.8411, 10.2662



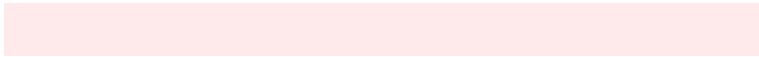
240.3930, -2.6587, 12.8103



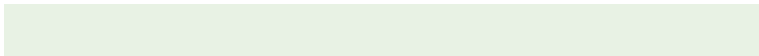
239.9970, -5.4215, 12.2806

Triad

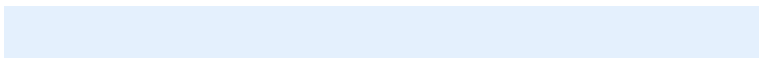
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.3930, -2.6587, 12.8103



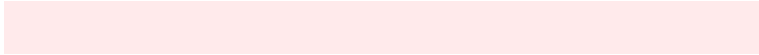
237.4140, -4.6411, -4.7481



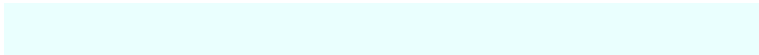
237.8940, 7.4473, -8.6770

Complementary

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



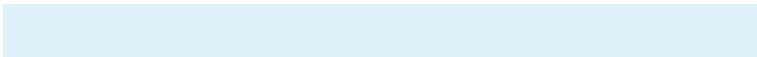
240.3930, -2.6587, 12.8103



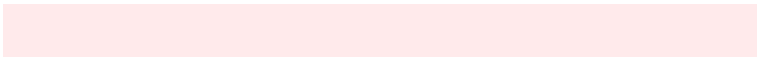
248.6070, 2.6587, -12.8103

Split Complementary

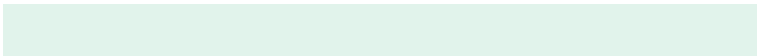
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.8180, 6.0057, -12.9954



240.3930, -2.6587, 12.8103



236.7060, -0.8411, -10.2662

Square

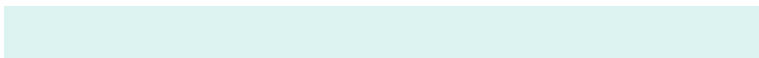
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.3930, -2.6587, 12.8103



238.0020, -6.4100, 2.6292



236.3080, 2.8062, -13.4251



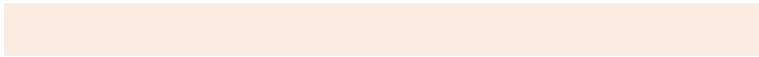
239.1120, 6.8468, -2.7292

Rectangle

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



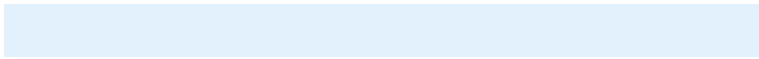
240.3930, -2.6587, 12.8103



239.3450, -6.5791, 10.2214



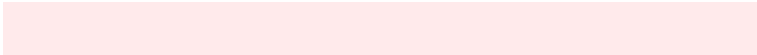
236.3080, 2.8062, -13.4251



237.7690, 7.0159, -10.3214

Sweetspot

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



240.3930, -2.6587, 12.8103



251.4950, -0.7370, 3.0739



242.3740, 6.2246, 10.1960



125.8970, -0.4422, 1.8443



0.0000, 0.0000, 0.0000



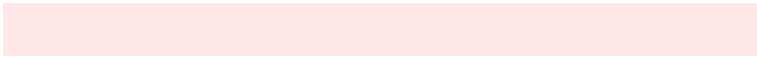
128.0000, 0.0000, 0.0000

Same Dimension

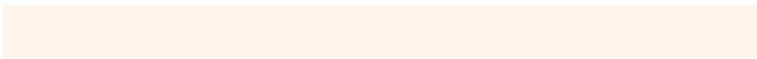
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.3930, -2.6587, 12.8103



237.5890, -3.2484, 15.2694



245.5620, -5.7001, 8.2771



118.8870, -1.9163, 7.9921



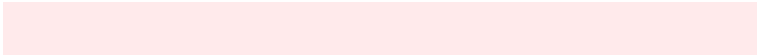
58.1350, -24.2236, 116.5226



19.4780, -8.1237, 39.0458

Inverse Universe

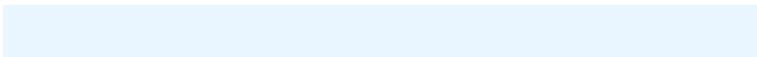
The Inverse Universe completely reimagines the original color for something new.



240.3930, -2.6587, 12.8103



237.5890, -3.2484, 15.2694



243.4380, 5.7001, -8.2771



118.8870, -1.9163, 7.9921



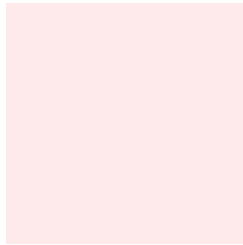
58.1350, -24.2236, 116.5226



19.4780, -8.1237, 39.0458

Previews

White Background



This preview shows how the YUV color 240.3930, -2.6587, 12.8103 looks on a white background.

Color Contrast Check

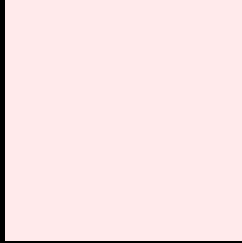
Large Text (above 18pt) WCAG AA × Fail

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 240.3930, -2.6587, 12.8103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

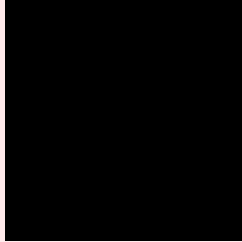
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

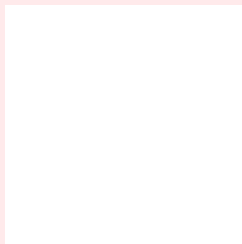
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.3930, -2.6587, 12.8103

Background



This preview shows how black text looks on a background with the YUV color 240.3930, -2.6587, 12.8103.

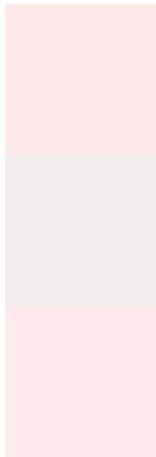


This preview shows how white text looks on a background with the YUV color 240.3930, -2.6587,

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

240.3930, -2.6587, 12.8103

Protanopia

239.3810, -1.1738, 3.1739

Deuteranopia

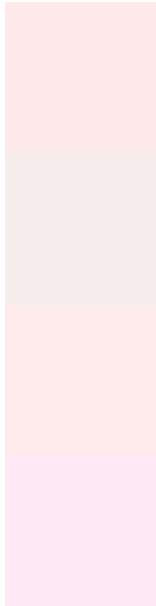
240.6210, -1.7852, 12.6104



Tritanopia

241.4020, 3.7458, 11.9254

Trichromacy



Original Color

240.3930, -2.6587, 12.8103

Protanomaly

239.8760, -1.9109, 6.2477

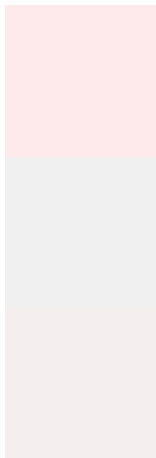
Deuteranomaly

240.5070, -2.2220, 12.7104

Tritanomaly

240.8320, 1.5618, 12.4253

Monochromacy



Original Color

240.3930, -2.6587, 12.8103

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

240.0930, -1.0318, 4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.3930, -2.6587, 12.8103 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, 234, 235)` looks like.

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

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, 234, 235) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 240.3930, -2.6587, 12.8103 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, 234, 235) }
```


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

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

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

Here you see how a box with a 4 pixel `rgb(255, 234, 235)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YUV 240.3930, -2.6587, 12.8103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 235) }
```

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

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

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