

Converting Colors

YUV(236.3760, -0.1854,
12.8252)

Have a look what the booklet for
YUV(236.3760, -0.1854, 12.8252)
contains.

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Color

**YUV(236.3760, -0.1854,
12.8252)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE5EC
RGB	251, 229, 236
RGB Percent	98%, 90%, 93%
CMY	0.0157, 0.1020, 0.0745
CMYK	0.00, 0.09, 0.06, 0.02
HSL	341°, 73%, 94%
HSV	341°, 9%, 98%
XYZ	82.9433, 82.6040, 90.9295
YIQ	236.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

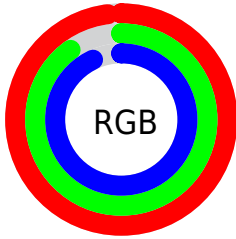
Format	Color
R _Y B	251, 229, 236
Decimal	16508396
CIE Lab	92.84, 8.66, -0.68
CIE LCh	93, 8.691, 355.483
Yxy	82.6040, 0.3234, 0.3221
Android (android.graphics.Color)	4294698476 (0xFFFFBE5EC)
YUV	236.3760, -0.1854, 12.8252
Hunter-Lab	90.8867, 3.8474, 4.3028

Details

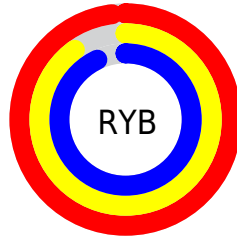
The YUV color $236.3760, -0.1854, 12.8252$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.6240, 0.1854, -12.8252$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.6640, -0.3274, 11.6957$ is the 20% darker color. If you saturate the color by 10%, you get $219.7630, -0.3762, 27.3948$, and if you desaturate by 10%, it is $252.9890, 0.0054, -1.7444$.

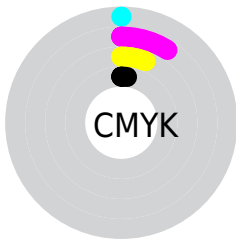
Distribution



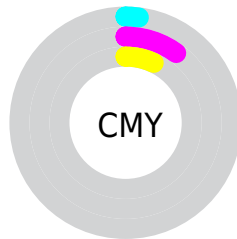
- Red (98%)
- Green (90%)
- Blue (93%)



- Red (98%)
- Yellow (90%)
- Blue (93%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.3760, -0.1854, 12.8252 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 236.3760, -0.1854, 12.8252 by changing the saturation by 10% instead.


 236.3760, -0.1854,
12.8252

 236.3760, -0.1854,
12.8252


255.0000, 0.0000,
0.0000


 208.0770, -0.0380,
12.2105

 180.6640, -0.3274,
11.6957

 153.6640, -0.3274,
11.6957

 127.7780, 0.1094,
11.5957

 102.4790, 0.2569,
10.9809

 78.7670, 0.1149,
9.8513

 55.7670, 0.1149,

9.8513

■ 34.0550, -0.0271,
8.7218

■ 11.1910, 0.3988,
12.1105

■ 236.3760, -0.1854,
12.8252

■ 236.3760, -0.1854,
12.8252

■ 219.7630, -0.3762,
27.3948

■ 252.9890, 0.0054,
-1.7444

■ 203.1500, -0.5669,
41.9645

■ 253.8040, 0.5896,
-2.4591

■ 186.5370, -0.7577,
56.5341

■ 169.9240, -0.9485,
71.1037

■ 153.1970, -1.5761,
85.7732

■ 135.9970, -1.4775,
100.8576

■ 119.3840, -1.6683,
115.4272

■ 102.7710, -1.8591,
129.9968

■ 86.1580, -2.0499,
144.5664

Harmonies

Analogous

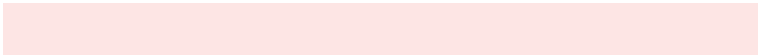
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.7820, 4.0515, 7.2072



236.3760, -0.1854, 12.8252



236.0620, -3.9746, 14.8546

Triad

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



236.3760, -0.1854, 12.8252



233.4640, -7.1308, 0.4701



232.8610, 7.4635, -13.9101

Complementary

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



236.3760, -0.1854, 12.8252



243.6240, 0.1854, -12.8252

Split Complementary

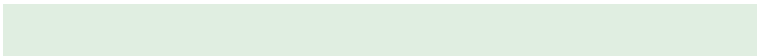
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.7530, 4.5588, -15.5694



236.3760, -0.1854, 12.8252



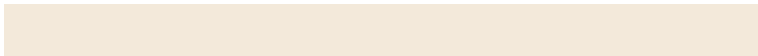
232.3320, -3.6147, -7.3072

Square

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



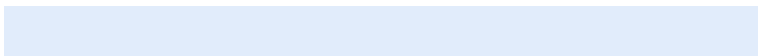
236.3760, -0.1854, 12.8252



234.2800, -8.0260, 7.6474



231.7380, 0.6222, -12.9252



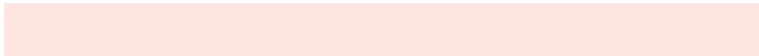
234.4210, 8.1734, -8.2622

Rectangle

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



236.3760, -0.1854, 12.8252



235.7800, -6.3005, 14.2249



231.7380, 0.6222, -12.9252



232.6220, 6.5954, -15.4545

Sweetspot

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



236.3760, -0.1854, 12.8252



249.7340, 0.1311, 4.6183



235.9930, 7.3985, 7.0221



124.0220, -0.0108, 3.4887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

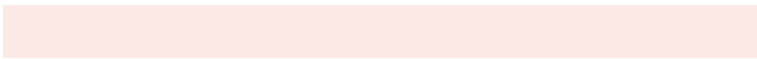
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.3760, -0.1854, 12.8252



236.3980, -0.1962, 16.3140



237.9260, -4.4005, 11.4659



116.3430, -0.1691, 7.5922



63.3510, -1.6520, 110.1942



20.4050, -0.6927, 35.6018

Inverse Universe

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



236.3760, -0.1854, 12.8252



236.3980, -0.1962, 16.3140



242.0740, 4.4005, -11.4659



116.3430, -0.1691, 7.5922



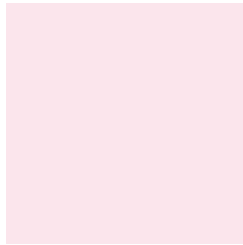
63.3510, -1.6520, 110.1942



20.4050, -0.6927, 35.6018

Previews

White Background



This preview shows how the YUV color 236.3760, -0.1854, 12.8252 looks on a white background.

Color Contrast Check

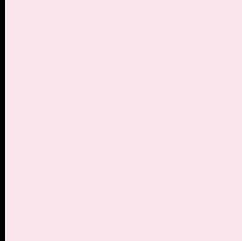
Large Text (above 18pt) WCAG AA × Fail

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 236.3760, -0.1854, 12.8252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

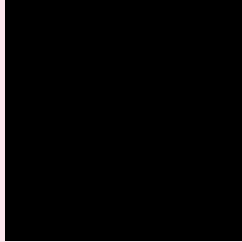
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.3760, -0.1854, 12.8252

Background



This preview shows how black text looks on a background with the YUV color 236.3760, -0.1854, 12.8252.



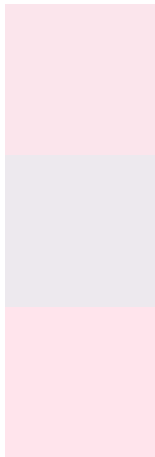
This preview shows how white text looks on a background with the YUV color 236.3760, -0.1854,

12.8252.

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

236.3760, -0.1854, 12.8252

Protanopia

234.7660, 1.5944, 1.9592

Deuteranopia

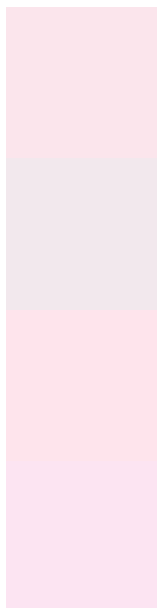
236.9850, -0.4856, 15.7992



Tritanopia

237.1140, 3.8878, 13.0550

Trichromacy



Original Color

236.3760, -0.1854, 12.8252

Protanomaly

235.5600, 0.7099, 5.6479

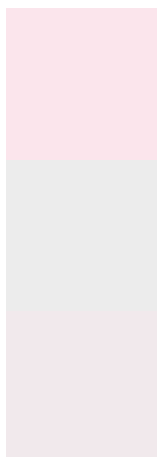
Deuteranomaly

236.6860, -0.3382, 15.1844

Tritanomaly

236.7720, 2.5774, 13.3550

Monochromacy



Original Color

236.3760, -0.1854, 12.8252

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.7340, 0.1311, 4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.3760, -0.1854, 12.8252 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(251, 229, 236)` looks like.

```
.text, #text, p{  
    color:rgb(251, 229, 236)  
}
```

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(251, 229, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 229, 236) }
```

Border

The CSS property to change the border of an element to YUV 236.3760, -0.1854, 12.8252 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(251, 229, 236) }
```


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

```
.border{ border-color:rgb(251, 229, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 229, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 229, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 229, 236);  
box-shadow:4px 4px 4px 4px rgb(251, 229,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 236.3760, -0.1854, 12.8252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 229, 236) }
```

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

```
.background{ background-color: rgb(251,  
229, 236) }
```

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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