

Converting Colors

YUV(233.9350, 2.0040, 10.5810)

Have a look what the booklet for
YUV(233.9350, 2.0040, 10.5810)
contains.

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Color

**YUV(233.9350, 2.0040,
10.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E3EE
RGB	246, 227, 238
RGB Percent	96%, 89%, 93%
CMY	0.0353, 0.1098, 0.0667
CMYK	0.00, 0.08, 0.03, 0.04
HSL	325°, 51%, 93%
HSV	325°, 8%, 96%
XYZ	80.9077, 80.7040, 92.2021
YIQ	233.9350, 7.7930, 7.4490

Conversions

Conversions Part 2

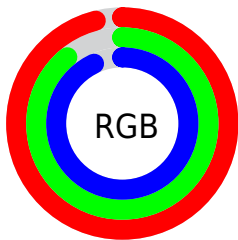
Format	Color
R _Y B	246, 227, 238
Decimal	16180206
CIE Lab	92.00, 8.35, -3.01
CIE LCh	92, 8.873, 340.178
Yxy	80.7040, 0.3188, 0.3180
Android (android.graphics.Color)	4294370286 (0xFFFF6E3EE)
YUV	233.9350, 2.0040, 10.5810
Hunter-Lab	89.8354, 3.5490, 2.0329

Details

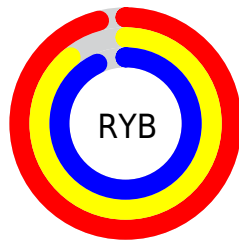
The YUV color $233.9350, 2.0040, 10.5810$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.0650, -2.0040, -10.5810$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.5220, 1.7147, 10.0662$ is the 20% darker color. If you saturate the color by 10%, you get $218.1200, 4.8708, 24.4508$, and if you desaturate by 10%, it is $249.7500, -0.8627, -3.2887$.

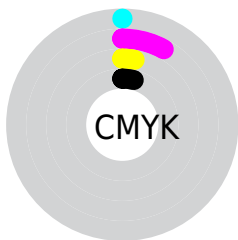
Distribution



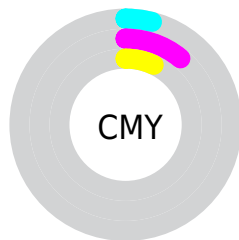
- Red (96%)
- Green (89%)
- Blue (93%)



- Red (96%)
- Yellow (89%)
- Blue (93%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.9350, 2.0040, 10.5810 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 233.9350, 2.0040, 10.5810 by changing the saturation by 10% instead.

233.9350, 2.0040,
10.5810

233.9350, 2.0040,
10.5810

255.0000, 0.0000,
0.0000

205.6360, 2.1515,
9.9662

178.5220, 1.7147,
10.0662

151.5220, 1.7147,
10.0662

125.2230, 1.8621,
9.4514

100.8100, 1.5727,
8.9366

76.5110, 1.7201,
8.3219

54.0980, 1.4307,

7.8071

■ 32.7990, 1.5781,
7.1923

■ 8.7610, 2.5828,
11.6106

■ 233.9350, 2.0040,
10.5810

■ 233.9350, 2.0040,
10.5810

■ 218.1200, 4.8708,
24.4508

■ 249.7500, -0.8627,
-3.2887

■ 202.7780, 7.0114,
37.9057

■ 252.3090, 1.3267,
-5.5330

■ 186.9630, 9.8782,
51.7754

■ 171.7350, 12.4556,
65.1304

■ 155.8060, 14.8856,
79.1001

■ 139.9910, 17.7524,
92.9699

■ 124.6490, 19.8930,
106.4248

■ 108.8340, 22.7598,
120.2946

■ 93.6060, 25.3372,
133.6495

Harmonies

Analogous

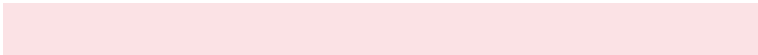
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.2160, 5.8095, 3.3186



233.9350, 2.0040, 10.5810



233.8170, -2.3748, 15.0695

Triad

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



233.9350, 2.0040, 10.5810



231.2580, -8.0152, 4.1587



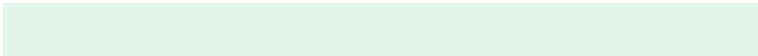
229.6220, 6.5954, -15.4545

Complementary

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



233.9350, 2.0040, 10.5810



239.0650, -2.0040, -10.5810

Split Complementary

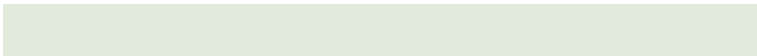
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.2970, 2.8116, -15.1695



233.9350, 2.0040, 10.5810



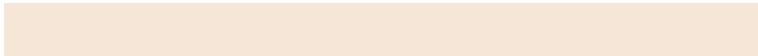
230.4850, -5.6621, -3.9333

Square

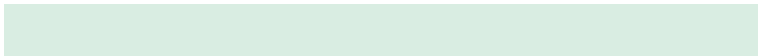
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.9350, 2.0040, 10.5810



232.8890, -8.3263, 10.6213



229.7660, -1.8566, -11.1958



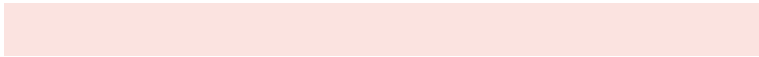
230.8120, 8.4737, -11.2361

Rectangle

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



233.9350, 2.0040, 10.5810



233.8340, -4.8482, 15.0546



229.7660, -1.8566, -11.1958



229.5680, 5.1430, -16.2841

Sweetspot

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



233.9350, 2.0040, 10.5810



251.8370, 0.5734, 2.7740



231.5580, 7.1199, 3.0186



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.



233.9350, 2.0040, 10.5810



240.3590, 2.2880, 12.8402



232.9090, -1.9271, 11.4808



114.3860, 1.2887, 6.6775



67.9260, 19.7565, 103.5509



21.5170, 6.1541, 32.8726

Inverse Universe

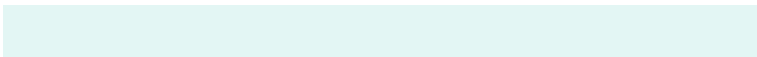
The Inverse Universe completely reimagines the original color for something new.



233.9350, 2.0040, 10.5810



240.3590, 2.2880, 12.8402



240.0910, 1.9271, -11.4808



114.3860, 1.2887, 6.6775



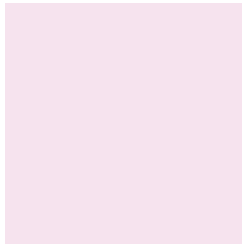
67.9260, 19.7565, 103.5509



21.5170, 6.1541, 32.8726

Previews

White Background



This preview shows how the YUV color 233.9350, 2.0040, 10.5810 looks on a white background.

Color Contrast Check

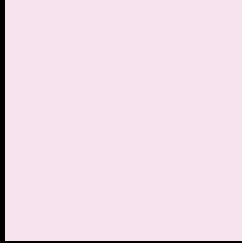
Large Text (above 18pt) WCAG AA × Fail

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 233.9350, 2.0040, 10.5810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

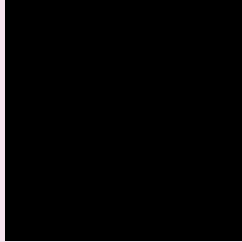
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.9350, 2.0040, 10.5810

Background



This preview shows how black text looks on a background with the YUV color 233.9350, 2.0040, 10.5810.



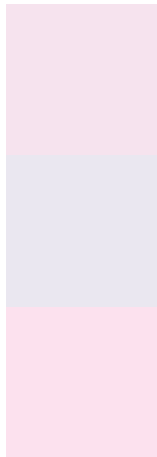
This preview shows how white text looks on a background with the YUV color 233.9350, 2.0040,

10.5810.

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

233.9350, 2.0040, 10.5810

Protanopia

232.9230, 3.4890, 0.9445

Deuteranopia

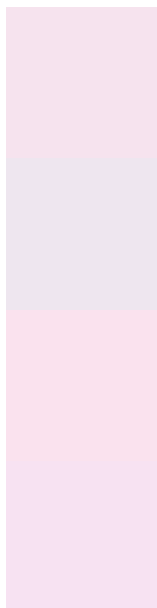
234.5550, 1.6984, 15.2993



Tritanopia

234.3310, 4.7668, 11.1107

Trichromacy



Original Color

233.9350, 2.0040, 10.5810

Protanomaly

233.4180, 2.7519, 4.0184

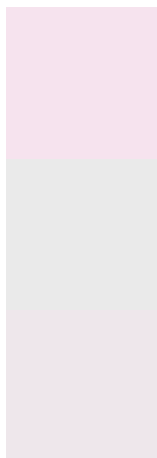
Deuteranomaly

234.5440, 1.7038, 13.5549

Tritanomaly

234.1030, 3.8932, 11.3107

Monochromacy



Original Color

233.9350, 2.0040, 10.5810

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

233.5490, 0.7153, 3.9035

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.9350, 2.0040, 10.5810 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(246, 227, 238)` looks like.

```
.text, #text, p{  
    color:rgb(246, 227, 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(246, 227, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 227, 238) }
```

Border

The CSS property to change the border of an element to YUV 233.9350, 2.0040, 10.5810 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(246, 227, 238) }
```


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

```
.border{ border-color:rgb(246, 227, 238) }
```

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

Here you see how a box with a 4 pixel rgb(246, 227, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 227, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 227, 238);  
box-shadow:4px 4px 4px 4px rgb(246, 227,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 233.9350, 2.0040, 10.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 227, 238) }
```

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

```
.background{ background-color: rgb(246,  
227, 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](#).

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