

Converting Colors

YUV(233.0920, 3.8986, 9.5663)

Have a look what the booklet for
YUV(233.0920, 3.8986, 9.5663)
contains.

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Color

**YUV(233.0920, 3.8986,
9.5663)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E2F1
RGB	244, 226, 241
RGB Percent	96%, 89%, 95%
CMY	0.0431, 0.1137, 0.0549
CMYK	0.00, 0.07, 0.01, 0.04
HSL	310°, 45%, 92%
HSV	310°, 7%, 96%
XYZ	80.3818, 79.9767, 94.4196
YIQ	233.0920, 5.9130, 8.4810

Conversions

Conversions Part 2

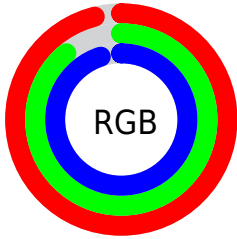
Format	Color
R_{YB}	244, 226, 241
Decimal	16048881
CIE _{Lab}	91.67, 8.72, -5.07
CIE _{LCh}	92, 10.090, 329.805
Yxy	79.9767, 0.3155, 0.3139
Android (android.graphics.Color)	4294238961 (0xFFFF4E2F1)
YUV	233.0920, 3.8986, 9.5663
Hunter-Lab	89.4297, 3.9386, 0.0026

Details

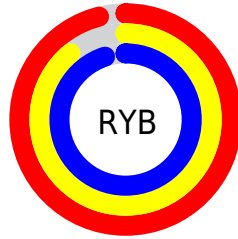
The YUV color `233.0920, 3.8986, 9.5663` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `236.9080, -3.8986, -9.5663`, and the grayscale version is `233.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `177.6790, 3.6093, 9.0515` is the 20% darker color. If you saturate the color by 10%, you get `218.5480, 9.0968, 22.3214`, and if you desaturate by 10%, it is `247.6360, -1.2995, -3.1888`.

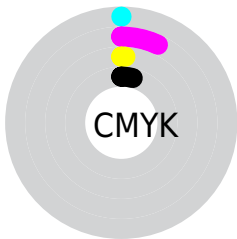
Distribution



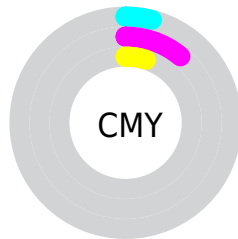
- Red (96%)
- Green (89%)
- Blue (95%)



- Red (96%)
- Yellow (89%)
- Blue (95%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 233.0920, 3.8986, 9.5663 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 233.0920, 3.8986, 9.5663 by changing the saturation by 10% instead.

 233.0920, 3.8986,
9.5663


 233.0920, 3.8986,
9.5663


255.0000, 0.0000,
0.0000


 205.0920, 3.8986,
9.5663

 177.6790, 3.6093,
9.0515

 150.6790, 3.6093,
9.0515

 125.2660, 3.3199,
8.5367

 99.9670, 3.4673,
7.9219

 75.9670, 3.4673,
7.9219

 53.5540, 3.1779,

7.4071

■ 32.1410, 2.8885,
6.8923

■ 7.9180, 4.4774,
10.5959

■ 233.0920, 3.8986,
9.5663

■ 233.0920, 3.8986,
9.5663

■ 218.5480, 9.0968,
22.3214

■ 247.6360, -1.2995,
-3.1888

■ 203.4170, 14.5844,
35.5913

■ 251.0270, -0.9993,
-6.1627

■ 188.8730, 19.7826,
48.3464

■ 251.4830, 0.7479,
-6.5626

■ 173.7420, 25.2702,
61.6163

■ 251.7110, 1.6215,
-6.7625

■ 159.1980, 30.4684,
74.3714

■ 144.6540, 35.6666,
87.1264

■ 129.5230, 41.1542,
100.3963

■ 114.8650, 45.9156,
113.2514

■ 99.7340, 51.4031,
126.5213

Harmonies

Analogous

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



232.3620, 7.7095, 0.5595



233.0920, 3.8986, 9.5663



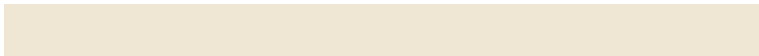
233.4580, -1.2118, 15.3843

Triad

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



233.0920, 3.8986, 9.5663



230.9380, -9.3364, 7.9474



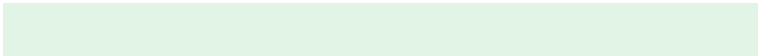
228.3720, 5.7326, -18.7432

Complementary

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



233.0920, 3.8986, 9.5663



236.9080, -3.8986, -9.5663

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.



228.2430, 1.3592, -15.9991



233.0920, 3.8986, 9.5663



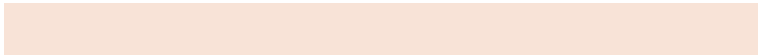
229.3390, -7.5621, -1.1743

Square

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



233.0920, 3.8986, 9.5663



231.9110, -8.3371, 14.1101



228.9080, -3.8986, -9.5663



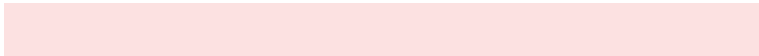
229.4910, 8.6319, -15.3396

Rectangle

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



233.0920, 3.8986, 9.5663



233.0730, -3.9800, 16.5990



228.9080, -3.8986, -9.5663



228.0300, 4.4222, -18.4433

Sweetspot

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



233.0920, 3.8986, 9.5663



251.9510, 1.0102, 2.6740



228.9490, 7.4201, 0.0447



126.1250, 0.4314, 1.6444



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.



233.0920, 3.8986, 9.5663



241.0430, 4.9088, 12.2403



232.0660, -0.0325, 10.4661



114.7280, 2.5991, 6.3775



73.2840, 40.2860, 98.8519



23.2270, 12.7061, 31.3729

Inverse Universe

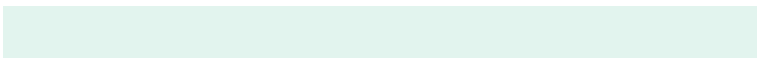
The Inverse Universe completely reimagines the original color for something new.



233.0920, 3.8986, 9.5663



241.0430, 4.9088, 12.2403



237.9340, 0.0325, -10.4661



114.7280, 2.5991, 6.3775



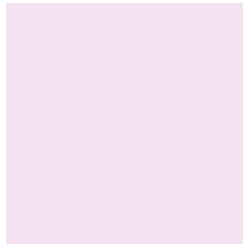
73.2840, 40.2860, 98.8519



23.2270, 12.7061, 31.3729

Previews

White Background



This preview shows how the YUV color 233.0920, 3.8986, 9.5663 looks on a white background.

Color Contrast Check

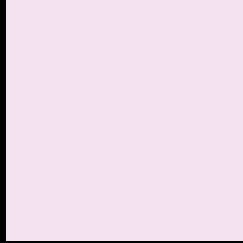
Large Text (above 18pt) WCAG AA × Fail

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 233.0920, 3.8986, 9.5663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

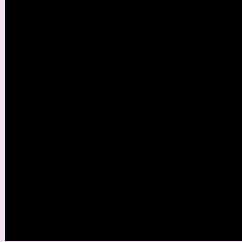
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.0920, 3.8986, 9.5663

Background



This preview shows how black text looks on a background with the YUV color 233.0920, 3.8986, 9.5663.



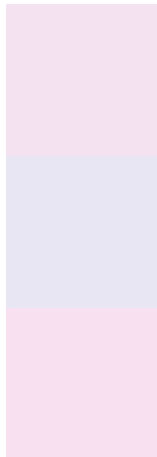
This preview shows how white text looks on a background with the YUV color 233.0920, 3.8986,

9.5663.

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

233.0920, 3.8986, 9.5663

Protanopia

232.0800, 5.3836, -0.0702

Deuteranopia

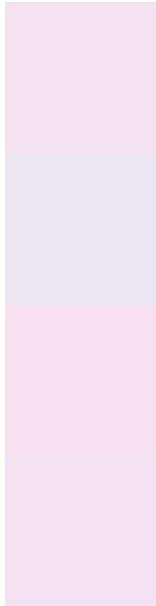
233.4130, 3.7404, 13.6698



Tritanopia

233.3200, 4.7722, 9.3664

Trichromacy



Original Color

233.0920, 3.8986, 9.5663

Protanomaly

232.5750, 4.6465, 3.0037

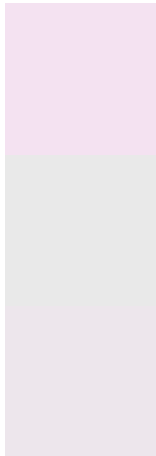
Deuteranomaly

233.4020, 3.7458, 11.9254

Tritanomaly

233.2060, 4.3354, 9.4663

Monochromacy



Original Color

233.0920, 3.8986, 9.5663

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

232.7770, 1.5889, 3.7036

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.0920, 3.8986, 9.5663 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(244, 226, 241)` looks like.

```
.text, #text, p{  
    color:rgb(244, 226, 241)  
}
```

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(244, 226, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 226, 241) }
```

Border

The CSS property to change the border of an element to YUV 233.0920, 3.8986, 9.5663 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(244, 226, 241) }
```


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

```
.border{ border-color:rgb(244, 226, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 226, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 226, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 226, 241);  
box-shadow:4px 4px 4px 4px rgb(244, 226,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 233.0920, 3.8986, 9.5663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 226, 241) }
```

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

```
.background{ background-color: rgb(244,  
226, 241) }
```

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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