

Converting Colors

YUV(233.7560, 0.1203, 8.1070)

Have a look what the booklet for
YUV(233.7560, 0.1203, 8.1070)
contains.

YUV(233.7560, 0.1203, 8.1070)	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(233.7560, 0.1203,
8.1070)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E5EA
RGB	243, 229, 234
RGB Percent	95%, 90%, 92%
CMY	0.0471, 0.1020, 0.0824
CMYK	0.00, 0.06, 0.04, 0.05
HSL	339°, 37%, 93%
HSV	339°, 6%, 95%
XYZ	79.8327, 81.0338, 89.2754
YIQ	233.7560, 6.7390, 4.5230

Conversions

Conversions Part 2

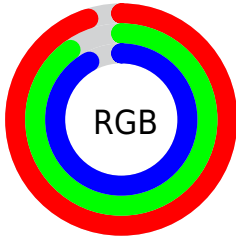
Format	Color
R_{YB}	243, 229, 234
Decimal	15984106
CIE Lab	92.15, 5.61, -0.73
CIE LCh	92, 5.654, 352.561
Yxy	81.0338, 0.3191, 0.3240
Android (android.graphics.Color)	4294174186 (0xFFFF3E5EA)
YUV	233.7560, 0.1203, 8.1070
Hunter-Lab	90.0188, 0.7690, 4.2128

Details

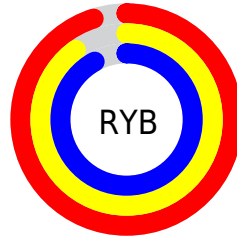
The YUV color $233.7560, 0.1203, 8.1070$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.2440, -0.1203, -8.1070$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.3430, -0.1691, 7.5922$ is the 20% darker color. If you saturate the color by 10%, you get $217.8440, 0.0769, 22.0618$, and if you desaturate by 10%, it is $249.6680, 0.1637, -5.8478$.

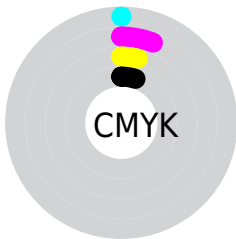
Distribution



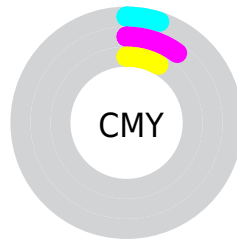
- Red (95%)
- Green (90%)
- Blue (92%)



- Red (95%)
- Yellow (90%)
- Blue (92%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (5%)




- Cyan (5%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 233.7560, 0.1203, 8.1070 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 233.7560, 0.1203, 8.1070 by changing the saturation by 10% instead.

 233.7560, 0.1203,
8.1070

 233.7560, 0.1203,
8.1070


255.0000, 0.0000,
0.0000

 205.7560, 0.1203,
8.1070

 178.3430, -0.1691,
7.5922

 151.4570, 0.2677,
7.4922

 125.4570, 0.2677,
7.4922

 100.1580, 0.4151,
6.8774

 76.7450, 0.1257,
6.3626

 53.7450, 0.1257,

6.3626

■ 32.4460, 0.2731,
5.7479

■ 9.1690, 0.4097,
8.6218

■ 233.7560, 0.1203,
8.1070

■ 233.7560, 0.1203,
8.1070

■ 217.8440, 0.0769,
22.0618

■ 249.6680, 0.1637,
-5.8478

■ 201.4590, 0.7597,
36.4315

■ 251.4120, 1.7689,
-7.3773

■ 185.5470, 0.7163,
50.3863

■ 169.7490, 1.1097,
64.2411

■ 153.2500, 1.3558,
78.7108

■ 137.3380, 1.3124,
92.6656

■ 121.5400, 1.7058,
106.5204

■ 105.6280, 1.6624,
120.4752

■ 89.1290, 1.9084,
134.9449

Harmonies

Analogous

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



233.4180, 2.7519, 4.0184



233.7560, 0.1203, 8.1070



233.6700, -2.7953, 9.9364

Triad

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



233.7560, 0.1203, 8.1070



231.7460, -4.8048, 1.0998



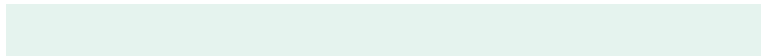
231.4980, 4.6845, -9.2067

Complementary

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



233.7560, 0.1203, 8.1070



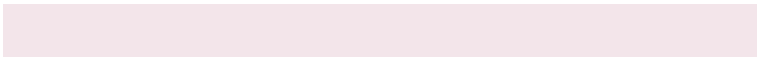
238.2440, -0.1203, -8.1070

Split Complementary

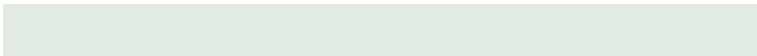
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.9170, 2.5059, -10.4512



233.7560, 0.1203, 8.1070



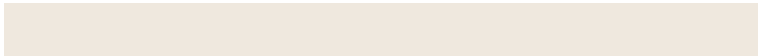
231.2830, -2.6045, -4.6332

Square

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



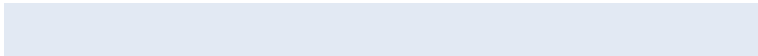
233.7560, 0.1203, 8.1070



232.9530, -5.3998, 5.3032



230.9450, 0.0271, -8.7218



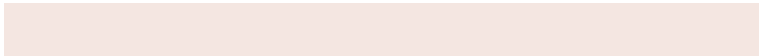
232.0470, 5.3998, -5.3032

Rectangle

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



233.7560, 0.1203, 8.1070



233.6160, -4.2477, 9.1068



230.9450, 0.0271, -8.7218



231.0850, 4.3951, -9.7215

Sweetspot

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



233.7560, 0.1203, 8.1070



251.7230, 0.1366, 2.8739



233.2870, 4.7885, 4.1333



126.0110, -0.0054, 1.7444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

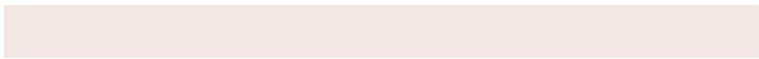
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.7560, 0.1203, 8.1070



243.1800, 0.4043, 10.3661



234.3600, -2.6425, 7.5773



116.0330, -0.0163, 5.2331



63.1380, 1.4110, 107.7500



20.0350, 0.4757, 34.1723

Inverse Universe

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



233.7560, 0.1203, 8.1070



243.1800, 0.4043, 10.3661



237.6400, 2.6425, -7.5773



116.0330, -0.0163, 5.2331



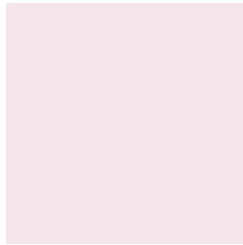
63.1380, 1.4110, 107.7500



20.0350, 0.4757, 34.1723

Previews

White Background



This preview shows how the YUV color 233.7560, 0.1203, 8.1070 looks on a white background.

Color Contrast Check

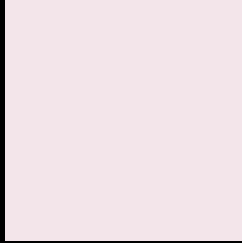
Large Text (above 18pt) WCAG AA × Fail

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 233.7560, 0.1203, 8.1070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

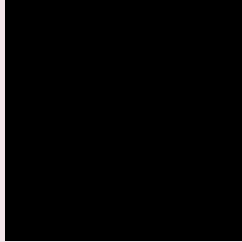
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

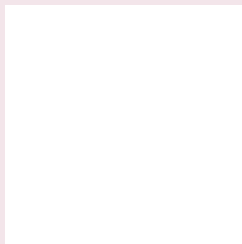
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.7560, 0.1203, 8.1070

Background



This preview shows how black text looks on a background with the YUV color 233.7560, 0.1203, 8.1070.



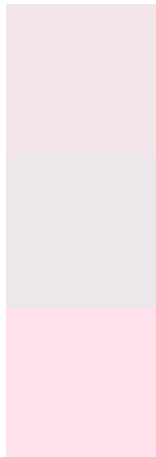
This preview shows how white text looks on a background with the YUV color 233.7560, 0.1203,

8.1070.

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

233.7560, 0.1203, 8.1070

Protanopia

232.9510, 1.0102, 2.6740

Deuteranopia

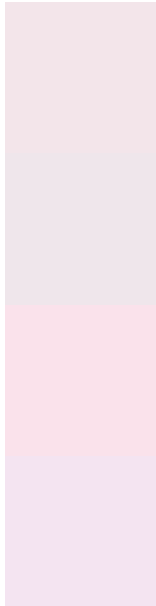
234.8110, 0.0932, 16.8288



Tritanopia

234.4340, 5.2090, 9.2664

Trichromacy



Original Color

233.7560, 0.1203, 8.1070

Protanomaly

233.2610, 0.8573, 5.0331

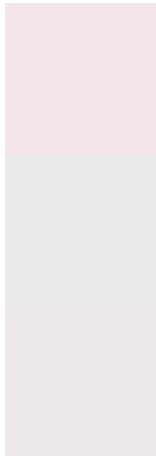
Deuteranomaly

234.2020, 0.3934, 13.8548

Tritanomaly

234.2660, 3.3199, 8.5367

Monochromacy



Original Color

233.7560, 0.1203, 8.1070

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

233.7230, 0.1366, 2.8739

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.7560, 0.1203, 8.1070 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(243, 229, 234)` looks like.

```
.text, #text, p{  
    color:rgb(243, 229, 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(243, 229, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 229, 234) }
```

Border

The CSS property to change the border of an element to YUV 233.7560, 0.1203, 8.1070 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(243, 229, 234) }
```


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

```
.border{ border-color:rgb(243, 229, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 229, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 229, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 229, 234);  
box-shadow:4px 4px 4px 4px rgb(243, 229,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 233.7560, 0.1203, 8.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 229, 234) }
```

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

```
.background{ background-color: rgb(243,  
229, 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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