

Converting Colors

YUV(238.7860, 7.9935, 2.8187)

Have a look what the booklet for
YUV(238.7860, 7.9935, 2.8187)
contains.

YUV(238.7860, 7.9935, 2.8187)	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(238.7860, 7.9935,
2.8187)**

Conversions

Conversions Part 1

Format	Color
Hex	F2EAFF
RGB	242, 234, 255
RGB Percent	95%, 92%, 100%
CMY	0.0510, 0.0824, 0.0000
CMYK	0.05, 0.08, 0.00, 0.00
HSL	263°, 100%, 96%
HSV	263°, 8%, 100%
XYZ	84.0908, 84.9429, 106.5713
YIQ	238.7860, -1.9730, 8.2270

Conversions

Conversions Part 2

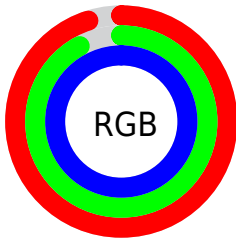
Format	Color
R_{YB}	242, 234, 255
Decimal	15919871
CIE Lab	93.86, 6.47, -9.16
CIE LCh	94, 11.218, 305.228
Yxy	84.9429, 0.3051, 0.3082
Android (android.graphics.Color)	4294109951 (0xFF F2 EA FF)
YUV	238.7860, 7.9935, 2.8187
Hunter-Lab	92.1645, 1.5754, -4.0429

Details

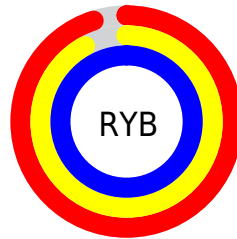
The YUV color $238.7860, 7.9935, 2.8187$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $250.2140, -7.9935, -2.8187$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.6720, 7.5567, 2.9187$ is the 20% darker color. If you saturate the color by 10%, you get $219.3270, 17.5868, 5.8522$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

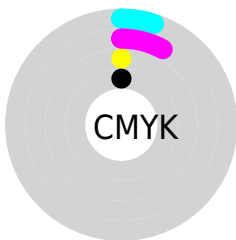
Distribution



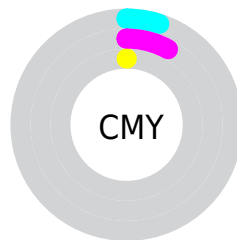
- Red (95%)
- Green (92%)
- Blue (100%)



- Red (95%)
- Yellow (92%)
- Blue (100%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.7860, 7.9935, 2.8187 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 238.7860, 7.9935, 2.8187 by changing the saturation by 10% instead.

238.7860, 7.9935,
2.8187

238.7860, 7.9935,
2.8187

255.0000, 0.0000,
0.0000

210.6720, 7.5567,
2.9187

182.6720, 7.5567,
2.9187

156.2590, 7.2673,
2.4039

130.1450, 6.8305,
2.5038

104.8460, 6.9779,
1.8891

80.7320, 6.5411,
1.9890

57.6180, 6.1043,

2.0890

■ 36.2050, 5.8149,
1.5742

■ 14.3300, 6.2463,
3.2186

■ 238.7860, 7.9935,
2.8187

■ 238.7860, 7.9935,
2.8187

■ 219.3270, 17.5868,
5.8522

255.0000, 0.0000,
0.0000

■ 199.2810, 27.4695,
9.4006

■ 179.5340, 37.2047,
13.5637

■ 160.0750, 46.7980,
16.5972

■ 140.0290, 56.6807,
20.1456

■ 120.5700, 66.2740,
23.1791

■ 101.1110, 75.8673,
26.2127

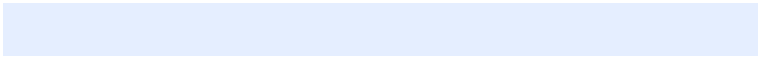
■ 81.3640, 85.6025,
30.3758

■ 61.9050, 95.1958,
33.4093

Harmonies

Analogous

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



237.2470, 8.7522, -7.2326



238.7860, 7.9935, 2.8187



239.7010, 3.5984, 12.5402

Triad

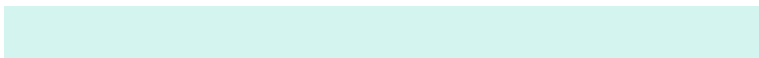
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.7860, 7.9935, 2.8187



238.4550, -10.0843, 14.5100



233.8620, 2.5330, -19.1730

Complementary

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



238.7860, 7.9935, 2.8187



250.2140, -7.9935, -2.8187

Split Complementary

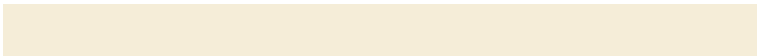
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.4130, -3.1616, -12.6402



238.7860, 7.9935, 2.8187



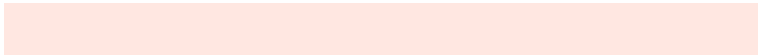
236.9980, -10.3520, 7.0178

Square

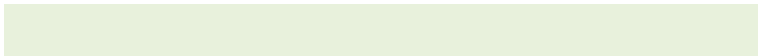
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.7860, 7.9935, 2.8187



237.4920, -6.1586, 15.3545



235.9150, -7.8461, -3.4335



234.1160, 7.3378, -20.2727

Rectangle

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



238.7860, 7.9935, 2.8187



238.5010, 0.2460, 14.4696



235.9150, -7.8461, -3.4335



234.0040, 0.4910, -17.5435

Sweetspot

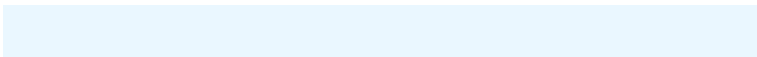
The Sweet Spot groups the original color and five complimentary colors.



238.7860, 7.9935, 2.8187



251.1680, 1.8892, 0.7297



244.0250, 5.4107, -8.7919



125.6410, 1.1630, 0.3148



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.



238.7860, 7.9935, 2.8187



235.5410, 9.5933, 3.0335



241.7760, 6.5194, 8.9664



117.9770, 4.9413, 1.7742



43.6010, 72.6677, 25.7829



14.4720, 24.4173, 8.3561

Inverse Universe

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



241.7610, 2.5828, 11.6106



239.1850, 2.8668, 13.8698



247.2240, -6.5194, -8.9664



119.7990, 1.5781, 7.1923



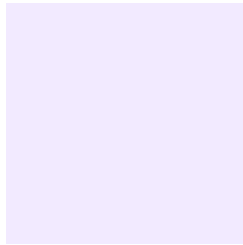
70.5610, 23.3874, 105.6250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 238.7860, 7.9935, 2.8187 looks on a white background.

Color Contrast Check

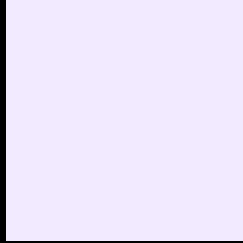
Large Text (above 18pt) WCAG AA × Fail

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 238.7860, 7.9935, 2.8187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

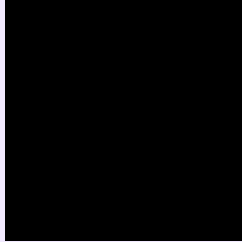
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 238.7860, 7.9935, 2.8187

Background



This preview shows how black text looks on a background with the YUV color 238.7860, 7.9935, 2.8187.



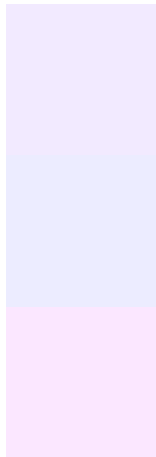
This preview shows how white text looks on a background with the YUV color 238.7860, 7.9935,

2.8187.

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

238.7860, 7.9935, 2.8187

Protanopia

238.1660, 8.2992, -1.8996

Deuteranopia

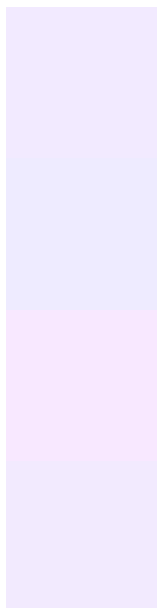
239.7160, 7.5350, 9.8961



Tritanopia

238.5580, 7.1199, 3.0186

Trichromacy



Original Color

238.7860, 7.9935, 2.8187

Protanomaly

238.1770, 8.2937, -0.1552

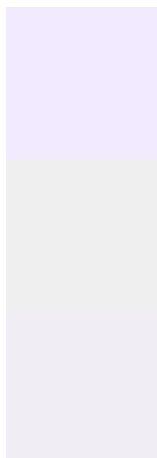
Deuteranomaly

239.4060, 7.6878, 7.5369

Tritanomaly

238.6720, 7.5567, 2.9187

Monochromacy



Original Color

238.7860, 7.9935, 2.8187

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

238.8090, 3.0522, 1.0445

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.7860, 7.9935, 2.8187 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(242, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 234, 255)  
}
```

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(242, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 234, 255) }
```

Border

The CSS property to change the border of an element to YUV 238.7860, 7.9935, 2.8187 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(242, 234, 255) }
```


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

```
.border{ border-color:rgb(242, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 234,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 238.7860, 7.9935, 2.8187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 234, 255) }
```

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

```
.background{ background-color: rgb(242,  
234, 255) }
```

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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