

Converting Colors

YUV(235.5320, 3.1887, 3.9184)

Have a look what the booklet for
YUV(235.5320, 3.1887, 3.9184)
contains.

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Color

**YUV(235.5320, 3.1887,
3.9184)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E8F2
RGB	240, 232, 242
RGB Percent	94%, 91%, 95%
CMY	0.0588, 0.0902, 0.0510
CMYK	0.01, 0.04, 0.00, 0.05
HSL	288°, 28%, 93%
HSV	288°, 4%, 95%
XYZ	80.8188, 82.6493, 95.6977
YIQ	235.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

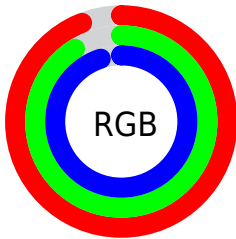
Format	Color
R _Y B	240, 232, 242
Decimal	15788274
CIE Lab	92.86, 4.46, -3.89
CIE LCh	93, 5.918, 318.954
Yxy	82.6493, 0.3118, 0.3189
Android (android.graphics.Color)	4293978354 (0xFF0E8F2)
YUV	235.5320, 3.1887, 3.9184
Hunter-Lab	90.9117, -0.4122, 1.2268

Details

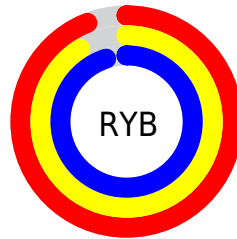
The YUV color $235.5320, 3.1887, 3.9184$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.4680, -3.1887, -3.9184$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.5320, 3.1887, 3.9184$ is the 20% darker color. If you saturate the color by 10%, you get $219.9490, 10.8711, 13.1997$, and if you desaturate by 10%, it is $250.5280, -4.2043, -4.8481$.

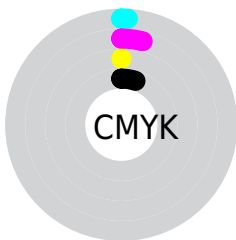
Distribution



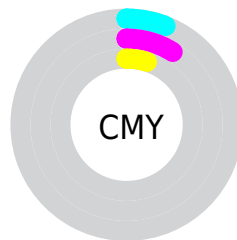
- Red (94%)
- Green (91%)
- Blue (95%)



- Red (94%)
- Yellow (91%)
- Blue (95%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (6%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.5320, 3.1887, 3.9184 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 235.5320, 3.1887, 3.9184 by changing the saturation by 10% instead.

235.5320, 3.1887,
3.9184

235.5320, 3.1887,
3.9184

255.0000, 0.0000,
0.0000

207.5320, 3.1887,
3.9184

179.5320, 3.1887,
3.9184

153.1190, 2.8993,
3.4036

127.1190, 2.8993,
3.4036

102.1190, 2.8993,
3.4036

78.0050, 2.4625,
3.5036

55.5920, 2.1731,

2.9888

■ 33.7060, 2.6099,
2.8888

■ 10.9450, 3.4781,
4.4332

■ 235.5320, 3.1887,
3.9184

■ 235.5320, 3.1887,
3.9184

■ 219.9490, 10.8711,
13.1997

■ 250.5280, -4.2043,
-4.8481

■ 204.3660, 18.5536,
22.4810

■ 252.0230, -4.9413,
-1.7742

■ 188.1960, 26.5254,
32.2771

■ 253.5180, -5.6784,
1.2997

■ 172.9120, 34.0604,
42.1732

■ 157.3290, 41.7428,
51.4545

■ 141.7460, 49.4252,
60.7358

■ 126.1630, 57.1076,
70.0170

■ 109.9930, 65.0795,
79.8131

■ 94.4100, 72.7619,
89.0944

Harmonies

Analogous

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



234.9550, 4.9522, -1.7145



235.5320, 3.1887, 3.9184



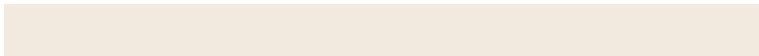
235.8700, 0.5571, 8.0070

Triad

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



235.5320, 3.1887, 3.9184



234.5510, -5.6946, 6.5328



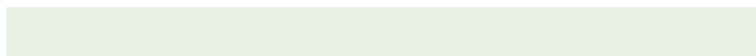
232.9170, 2.5059, -10.4512

Complementary

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



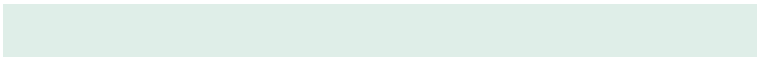
235.5320, 3.1887, 3.9184



238.4680, -3.1887, -3.9184

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.



232.8310, -0.4097, -8.6218



235.5320, 3.1887, 3.9184



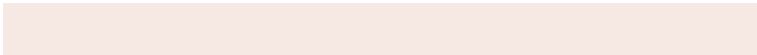
233.7460, -4.8048, 1.0998

Square

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



235.5320, 3.1887, 3.9184



235.5020, -4.6845, 9.2067



233.4680, -3.1887, -3.9184



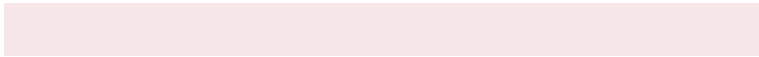
233.1990, 4.8319, -9.8215

Rectangle

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



235.5320, 3.1887, 3.9184



236.0120, -1.4849, 9.6365



233.4680, -3.1887, -3.9184



232.6890, 1.6323, -10.2513

Sweetspot

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



235.5320, 3.1887, 3.9184



252.9400, 1.0156, 0.9296



234.3140, 3.7892, -2.0294



126.5270, 0.7262, 0.4148



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.



235.5320, 3.1887, 3.9184



246.4720, 4.2043, 4.8481



235.7880, 1.5835, 5.4479



115.2930, 2.3206, 2.3740



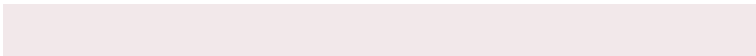
64.9290, 58.7020, 71.9763



19.8390, 17.8274, 22.0662

Inverse Universe

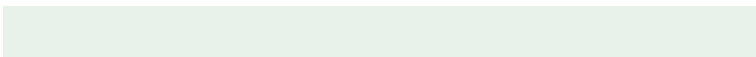
The Inverse Universe completely reimagines the original color for something new.



235.2180, -0.6005, 5.9478



246.2290, -0.6059, 7.6922



238.2120, -1.5835, -5.4479



115.2070, -0.5951, 4.2035



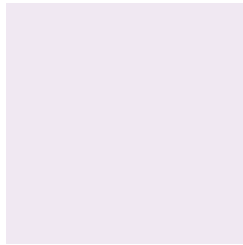
59.2340, -10.9614, 109.4198



17.9980, -3.4500, 33.3278

Previews

White Background



This preview shows how the YUV color 235.5320, 3.1887, 3.9184 looks on a white background.

Color Contrast Check

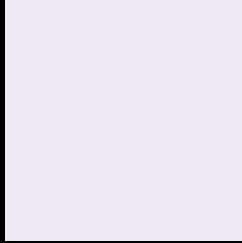
Large Text (above 18pt) WCAG AA × Fail

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 235.5320, 3.1887, 3.9184 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

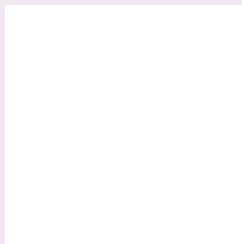
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.5320, 3.1887, 3.9184

Background



This preview shows how black text looks on a background with the YUV color 235.5320, 3.1887, 3.9184.



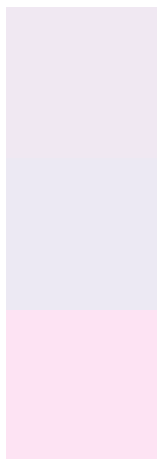
This preview shows how white text looks on a background with the YUV color 235.5320, 3.1887,

3.9184.

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

235.5320, 3.1887, 3.9184

Protanopia

235.0370, 3.9258, 0.8446

Deuteranopia

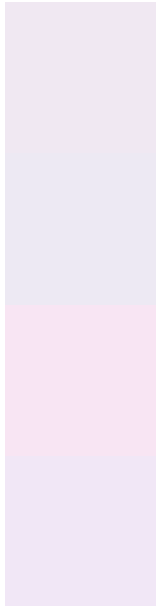
236.5980, 3.1562, 14.3846



Tritanopia

236.0420, 6.3883, 4.3482

Trichromacy



Original Color

235.5320, 3.1887, 3.9184

Protanomaly

235.3360, 3.7784, 1.4593

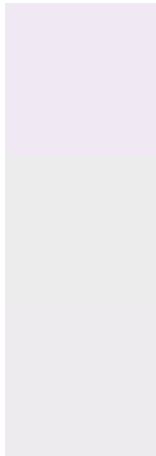
Deuteranomaly

236.2770, 3.3144, 10.2811

Tritanomaly

235.7000, 5.0779, 4.6481

Monochromacy



Original Color

235.5320, 3.1887, 3.9184

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.9400, 1.0156, 0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.5320, 3.1887, 3.9184 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(240, 232, 242)` looks like.

```
.text, #text, p{  
    color:rgb(240, 232, 242)  
}
```

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(240, 232, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 232, 242) }
```

Border

The CSS property to change the border of an element to YUV 235.5320, 3.1887, 3.9184 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(240, 232, 242) }
```


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

```
.border{ border-color:rgb(240, 232, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 232, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 232, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 232, 242);  
box-shadow:4px 4px 4px 4px rgb(240, 232,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 235.5320, 3.1887, 3.9184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 232, 242) }
```

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

```
.background{ background-color: rgb(240,  
232, 242) }
```

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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