

Converting Colors

YUV(235.3590, -38.1380,
5.8242)

Have a look what the booklet for
YUV(235.3590, -38.1380, 5.8242)
contains.

YUV(235.3590, -38.1380, 5.8242)	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(235.3590, -38.1380,
5.8242)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F79E
RGB	242, 247, 158
RGB Percent	95%, 97%, 62%
CMY	0.0510, 0.0314, 0.3804
CMYK	0.02, 0.00, 0.36, 0.03
HSL	63°, 85%, 79%
HSV	63°, 36%, 97%
XYZ	76.0503, 87.8674, 45.2996
YIQ	235.3590, 25.5890, -28.7390

Conversions

Conversions Part 2

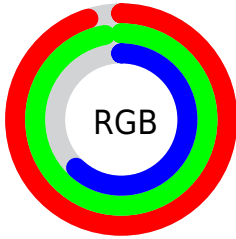
Format	Color
R_{YB}	158, 247, 163
Decimal	15923102
CIE _{Lab}	95.11, -14.72, 42.26
CIE _{LCh}	95, 44.745, 109.202
Yxy	87.8674, 0.3635, 0.4200
Android (android.graphics.Color)	4294113182 (0xFFFF2F79E)
YUV	235.3590, -38.1380, 5.8242
Hunter-Lab	93.7376, -19.2220, 36.9639

Details

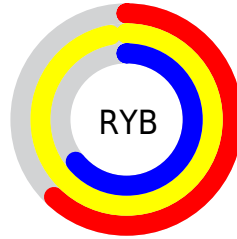
The YUV color $235.3590, -38.1380, 5.8242$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $169.6410, 38.1380, -5.8242$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3260, -17.9087, 4.0991$, and $179.4020, -36.6802, 4.9094$ is the 20% darker color. If you saturate the color by 10%, you get $232.2100, -48.9105, 7.7088$, and if you desaturate by 10%, it is $238.5080, -27.3654, 3.9395$.

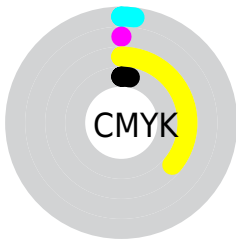
Distribution



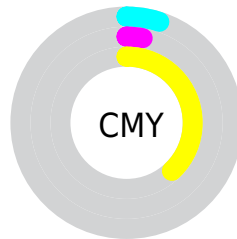
- Red (95%)
- Green (97%)
- Blue (62%)



- Red (62%)
- Yellow (97%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (36%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.3590, -38.1380, 5.8242 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 235.3590, -38.1380, 5.8242 by changing the saturation by 10% instead.

235.3590,
-38.1380, 5.8242

235.3590,
-38.1380, 5.8242

255.0000, 0.0000,
0.0000

207.1740,
-37.5538, 5.1094

250.3260,
-17.9087, 4.0991

179.4020,
-36.6802, 4.9094

253.5180, -5.6784,
1.2997

152.3310,
-35.6592, 4.0947

125.5590,
-34.7856, 3.8948

100.2600,
-34.6382, 3.2800

74.9780, -36.9642,
2.6503

53.7140, -26.4810,

0.2508

■ 33.3250, -16.4292,
-3.7930

■ 14.0880, -6.9454,
-12.3552

■ 235.3590,
-38.1380, 5.8242

■ 235.3590,
-38.1380, 5.8242

■ 232.2100,
-48.9105, 7.7088

■ 238.5080,
-27.3654, 3.9395

■ 228.8760,
-59.0989, 8.8787

■ 241.8420,
-17.1771, 2.7696

■ 225.7270,
-69.8714, 10.7634

■ 244.9910, -6.4046,
0.8849

■ 222.2790,
-80.4965, 12.0333

■ 248.2110, 3.3470,
-0.1850

■ 219.2440,
-90.8323, 13.8180

■ 248.5100, 3.1996,
0.4297

■ 216.0950,
-101.6048, 15.7027

■ 248.8090, 3.0522,
1.0445

■ 214.6560,
-105.8254, 16.0877

■ 249.4070, 2.7573,
2.2741

■ 249.7060, 2.6099,
2.8888

■ 250.0050, 2.4625,
3.5036

Harmonies

Analogous

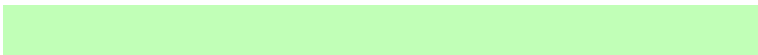
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.8000, -36.8764, 21.2234



235.3590, -38.1380, 5.8242



228.2540, -22.3102, -30.9178

Triad

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



235.3590, -38.1380, 5.8242



206.8610, 23.7325, -98.9791



227.9980, 13.3120, 23.6808

Complementary

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



235.3590, -38.1380, 5.8242



169.6410, 38.1380, -5.8242

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.



234.4550, 10.1287, 18.0180



235.3590, -38.1380, 5.8242



222.1650, 16.1877, -58.9037

Square

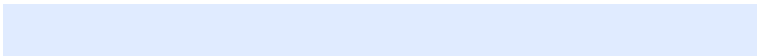
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.3590, -38.1380, 5.8242



205.9640, 24.1747, -100.8234



233.9910, 10.3574, -8.7621



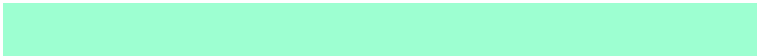
223.4380, -4.1599, 27.6799

Rectangle

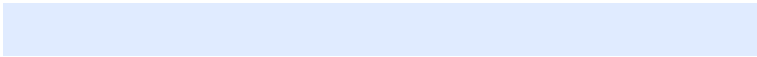
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.3590, -38.1380, 5.8242



220.4540, -5.6468, -55.6492



233.9910, 10.3574, -8.7621



229.7590, 12.4438, 22.1364

Sweetspot

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



235.3590, -38.1380, 5.8242



251.2100, -11.9355, 1.5698



186.9590, -14.2768, 52.6560



125.7630, -7.2782, 1.0848



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

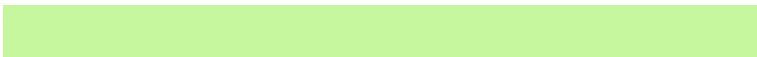
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.3590, -38.1380, 5.8242



240.6660, -47.1633, 7.3089



222.2030, -31.6521, -21.2260



120.6320, -5.2416, 1.1997



161.8060, -79.7704, 12.4481



51.0780, -25.1815, 3.4396

Inverse Universe

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



169.6410, 38.1380, -5.8242



159.6330, 47.0159, -6.6941



182.7970, 31.6521, 21.2260



111.6670, 5.0942, -0.5850



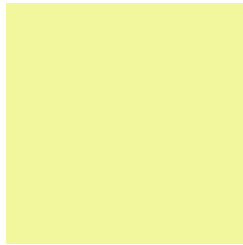
24.1940, 79.7704, -12.4481



7.6230, 25.3289, -4.0544

Previews

White Background



This preview shows how the YUV color 235.3590, -38.1380, 5.8242 looks on a white background.

Color Contrast Check

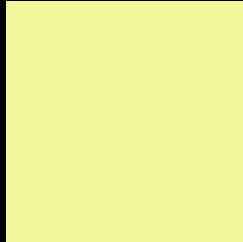
Large Text (above 18pt) WCAG AA × Fail

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 235.3590, -38.1380, 5.8242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

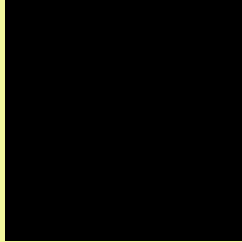
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

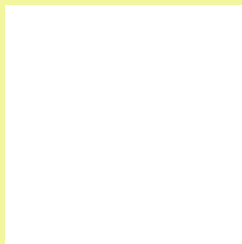
Any Text WCAG AAA ✓ Pass

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

YUV 235.3590, -38.1380, 5.8242 Background



This preview shows how black text looks on a background with the YUV color 235.3590, -38.1380, 5.8242.

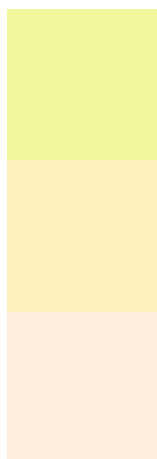


This preview shows how white text looks on a background with the YUV color 235.3590, -38.1380, 5.8242.

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

235.3590, -38.1380, 5.8242

Protanopia

239.2580, -24.7772, 13.8057

Deuteranopia

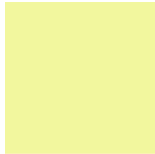
241.2590, -9.4947, 12.0509



Tritanopia

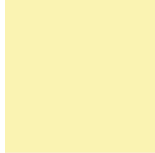
242.8470, 5.4984, 9.7812

Trichromacy



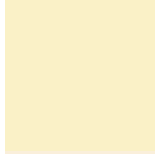
Original Color

235.3590, -38.1380, 5.8242



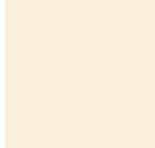
Protanomaly

237.6830, -29.4237, 10.8020



Deuteranomaly

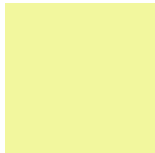
238.9030, -19.6722, 9.7321



Tritanomaly

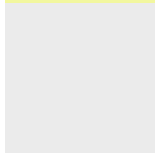
240.0090, -10.3574, 8.7621

Monochromacy



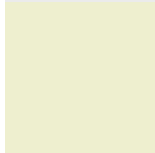
Original Color

235.3590, -38.1380, 5.8242



Achromatopsia

235.0000, 0.0000, 0.0000



Achromatomaly

235.0530, -13.8301, 2.5845

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.3590, -38.1380, 5.8242 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, 247, 158)` looks like.

```
.text, #text, p{  
    color:rgb(242, 247, 158)  
}
```

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, 247, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 247, 158) }
```

Border

The CSS property to change the border of an element to YUV 235.3590, -38.1380, 5.8242 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, 247, 158) }
```


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

```
.border{ border-color:rgb(242, 247, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 247, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 247, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 247, 158);  
box-shadow:4px 4px 4px 4px rgb(242, 247,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 235.3590, -38.1380, 5.8242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 247, 158) }
```

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

```
.background{ background-color: rgb(242,  
247, 158) }
```

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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