

Converting Colors

YUV(238.8590, -39.8635,
-0.7533)

Have a look what the booklet for
YUV(238.8590, -39.8635, -0.7533)
contains.

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Color

**YUV(238.8590, -39.8635,
-0.7533)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFF9E
RGB	238, 255, 158
RGB Percent	93%, 100%, 62%
CMY	0.0667, 0.0000, 0.3804
CMYK	0.07, 0.00, 0.38, 0.00
HSL	71°, 100%, 81%
HSV	71°, 38%, 100%
XYZ	77.1915, 92.1658, 46.0691
YIQ	238.8590, 21.0050, -33.7710

Conversions

Conversions Part 2

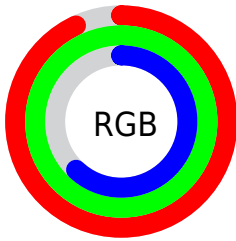
Format	Color
RYB	158, 255, 175
Decimal	15663006
CIELab	96.89, -20.09, 44.49
CIELCh	97, 48.815, 114.304
Yxy	92.1658, 0.3583, 0.4278
Android (android.graphics.Color)	4293853086 (0xFFEEFF9E)
YUV	238.8590, -39.8635, -0.7533
Hunter-Lab	96.0030, -24.4819, 38.7505

Details

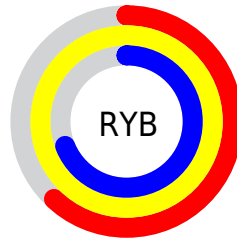
The YUV color $238.8590, -39.8635, -0.7533$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $174.1410, 39.8635, 0.7533$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3260, -17.9087, 4.0991$, and $182.3150, -38.1163, -1.1533$ is the 20% darker color. If you saturate the color by 10%, you get $234.6990, -50.6306, -0.6130$, and if you desaturate by 10%, it is $243.0190, -29.0964, -0.8937$.

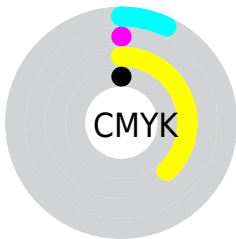
Distribution



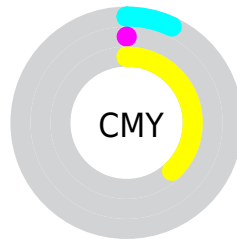
- Red (93%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.8590, -39.8635, -0.7533 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 238.8590, -39.8635, -0.7533 by changing the saturation by 10% instead.

■ 238.8590,
-39.8635, -0.7533

■ 238.8590,
-39.8635, -0.7533

255.0000, 0.0000,
0.0000

■ 210.0870,
-38.9899, -0.9533

■ 250.3260,
-17.9087, 4.0991

■ 182.3150,
-38.1163, -1.1533

■ 253.5180, -5.6784,
1.2997

■ 155.1300,
-37.5321, -1.8680

■ 128.3580,
-36.6585, -2.0680

■ 102.9450,
-36.9479, -2.5828

■ 77.3040, -38.1109,
-2.8976

■ 56.0400, -27.6277,

-5.2971

■ 35.3520, -17.4285,
-9.9557

■ 17.0230, -8.3923,
-14.9292

■ 238.8590,
-39.8635, -0.7533

■ 238.8590,
-39.8635, -0.7533

■ 234.6990,
-50.6306, -0.6130

■ 243.0190,
-29.0964, -0.8937

■ 230.3540,
-60.8135, -1.1875

■ 247.3640,
-18.9135, -0.3192

■ 226.3080,
-71.1438, -1.1471

■ 251.5240, -8.1463,
-0.4595

■ 221.8490,
-81.7636, -1.6216

255.0000, 0.0000,
0.0000

■ 217.8030,
-92.0939, -1.5812

■ 213.3440,
-102.7136, -2.0557

■ 212.4750,
-104.7502, -2.1706

Harmonies

Analogous

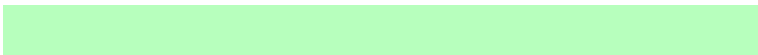
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.3390, -41.0861, 18.1197



238.8590, -39.8635, -0.7533



225.9480, -18.2154, -37.6654

Triad

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



238.8590, -39.8635, -0.7533



202.6750, 25.7962, -107.5860



228.5850, 13.0226, 23.1660

Complementary

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



238.8590, -39.8635, -0.7533



174.1410, 39.8635, 0.7533

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



238.8590, -39.8635, -0.7533



226.0190, 14.2876, -56.1447

Square

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



238.8590, -39.8635, -0.7533



195.7980, 29.1866, -121.7258



239.6500, 7.5676, -0.5700



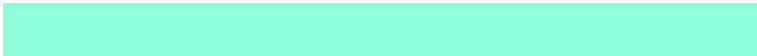
224.5150, -7.6489, 26.7353

Rectangle

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



238.8590, -39.8635, -0.7533



217.1090, 0.9323, -65.8706



239.6500, 7.5676, -0.5700



229.7590, 12.4438, 22.1364

Sweetspot

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



238.8590, -39.8635, -0.7533



250.3130, -11.4933, -0.2745



196.3950, -18.9287, 51.3966



125.1650, -6.9833, -0.1447



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

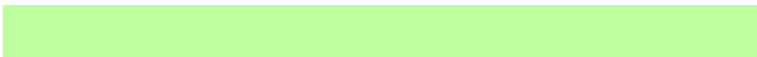
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.8590, -39.8635, -0.7533



235.3830, -48.0098, -1.2129



224.5070, -32.7880, -30.2626



125.6210, -5.2362, -0.5446



159.3590, -78.5640, -1.1918



53.4150, -26.3336, -0.3640

Inverse Universe

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



174.1410, 39.8635, 0.7533



157.3180, 48.1572, 0.5981



188.4930, 32.7880, 30.2626



117.0800, 5.3836, -0.0702



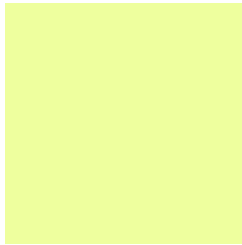
31.9400, 78.4166, 1.8066



10.5850, 26.3336, 0.3640

Previews

White Background



This preview shows how the YUV color 238.8590, -39.8635, -0.7533 looks on a white background.

Color Contrast Check

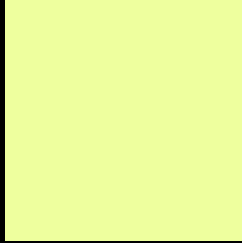
Large Text (above 18pt) WCAG AA × Fail

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 238.8590, -39.8635, -0.7533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

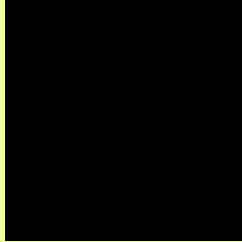
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 238.8590, -39.8635, -0.7533

Background



This preview shows how black text looks on a background with the YUV color 238.8590, -39.8635, -0.7533.



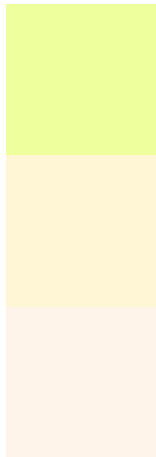
This preview shows how white text looks on a background with the YUV color 238.8590, -39.8635, -0.7533.

-0.7533.

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

238.8590, -39.8635, -0.7533

Protanopia

245.0430, -15.3042, 8.7323

Deuteranopia

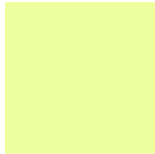
246.1490, -5.9895, 7.7623



Tritanopia

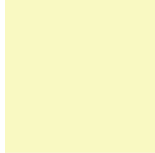
246.7490, 4.0677, 1.9741

Trichromacy



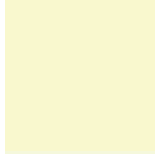
Original Color

238.8590, -39.8635, -0.7533



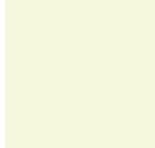
Protanomaly

242.7300, -24.0239, 5.4988



Deuteranomaly

243.5110, -18.4929, 4.8139



Tritanomaly

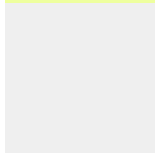
243.9110, -11.7881, 0.9551

Monochromacy



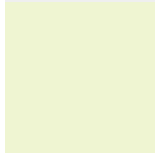
Original Color

238.8590, -39.8635, -0.7533



Achromatopsia

239.0000, 0.0000, 0.0000



Achromatomaly

239.2160, -14.4035, -0.1894

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.8590, -39.8635, -0.7533 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(238, 255, 158)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 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(238, 255, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 158) }
```

Border

The CSS property to change the border of an element to YUV 238.8590, -39.8635, -0.7533 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(238, 255, 158) }
```


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

```
.border{ border-color:rgb(238, 255, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 158);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 238.8590, -39.8635, -0.7533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 158) }
```

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

```
.background{ background-color: rgb(238,  
255, 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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