

Converting Colors

YUV(238.5080, -27.3654,
3.9395)

Have a look what the booklet for
YUV(238.5080, -27.3654, 3.9395)
contains.

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Color

**YUV(238.5080, -27.3654,
3.9395)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F7B7
RGB	243, 247, 183
RGB Percent	95%, 97%, 72%
CMY	0.0471, 0.0314, 0.2824
CMYK	0.02, 0.00, 0.26, 0.03
HSL	64°, 80%, 84%
HSV	64°, 26%, 97%
XYZ	78.7702, 88.9951, 57.8259
YIQ	238.5080, 18.1600, -20.7520

Conversions

Conversions Part 2

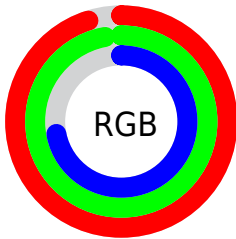
Format	Color
R _Y B	183, 247, 187
Decimal	15988663
CIE Lab	95.58, -11.29, 30.41
CIE LCh	96, 32.440, 110.362
Yxy	88.9951, 0.3492, 0.3945
Android (android.graphics.Color)	4294178743 (0xFFFF3F7B7)
YUV	238.5080, -27.3654, 3.9395
Hunter-Lab	94.3372, -16.0453, 29.6931

Details

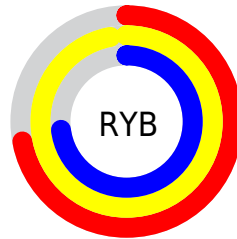
The YUV color $238.5080, -27.3654, 3.9395$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $191.4920, 27.3654, -3.9395$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.1760, -6.9888, 1.5996$, and $182.5510, -25.9076, 3.0248$ is the 20% darker color. If you saturate the color by 10%, you get $235.0600, -37.9906, 5.2094$, and if you desaturate by 10%, it is $241.9560, -16.7403, 2.6696$.

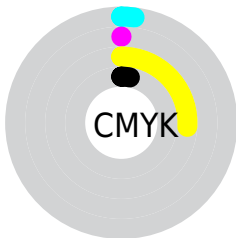
Distribution



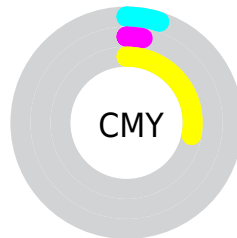
- Red (95%)
- Green (97%)
- Blue (72%)



- Red (72%)
- Yellow (97%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (26%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.5080, -27.3654, 3.9395 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 238.5080, -27.3654, 3.9395 by changing the saturation by 10% instead.

■ 238.5080,
-27.3654, 3.9395

■ 238.5080,
-27.3654, 3.9395

255.0000, 0.0000,
0.0000

■ 210.3230,
-26.7812, 3.2247

■ 253.1760, -6.9888,
1.5996

■ 182.5510,
-25.9076, 3.0248

■ 155.6650,
-25.4708, 2.9248

■ 128.8930,
-24.5972, 2.7248

■ 103.8220,
-23.5762, 1.9101

■ 79.6370, -22.9920,
1.1954

■ 55.6370, -22.9920,

1.1954

■ 35.1190, -17.3137,
-0.1044

■ 14.0990, -6.9508,
-10.6108

■ 238.5080,
-27.3654, 3.9395

■ 238.5080,
-27.3654, 3.9395

■ 235.0600,
-37.9906, 5.2094

■ 241.9560,
-16.7403, 2.6696

■ 232.0250,
-48.3263, 6.9941

■ 244.9910, -6.4046,
0.8849

■ 228.5770,
-58.9515, 8.2640

■ 248.2110, 3.3470,
-0.1850

■ 225.4280,
-69.7240, 10.1486

■ 248.5100, 3.1996,
0.4297

■ 222.0940,
-79.9123, 11.3186

■ 249.1080, 2.9048,
1.6593

■ 218.9450,
-90.6849, 13.2032

■ 249.4070, 2.7573,
2.2741

■ 215.4970,
-101.3100, 14.4731

■ 250.0050, 2.4625,
3.5036

■ 214.3570,
-105.6780, 15.4729

■ 250.3040, 2.3151,
4.1184

Harmonies

Analogous

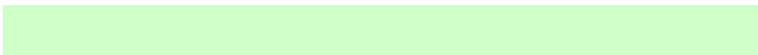
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.9980, -27.1140, 16.6648



238.5080, -27.3654, 3.9395



234.4920, -16.5116, -24.1105

Triad

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



238.5080, -27.3654, 3.9395



225.6980, 14.4459, -60.2481



234.3410, 9.6919, 18.1179

Complementary

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



238.5080, -27.3654, 3.9395



191.4920, 27.3654, -3.9395

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.



238.5640, 8.1029, 14.4144



238.5080, -27.3654, 3.9395



231.4560, 11.6072, -36.3569

Square

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



238.5080, -27.3654, 3.9395



224.2030, 15.1829, -63.3220



238.7420, 8.0152, -4.1587



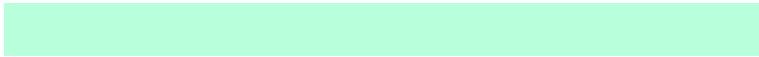
230.6930, -4.2856, 21.3172

Rectangle

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



238.5080, -27.3654, 3.9395



229.7810, -4.8220, -40.1499



238.7420, 8.0152, -4.1587



235.6290, 9.5499, 16.9884

Sweetspot

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



238.5080, -27.3654, 3.9395



252.4210, -8.5886, 1.3848



203.8970, -10.3022, 37.8013



126.2190, -5.5310, 0.6849



0.0000, 0.0000, 0.0000



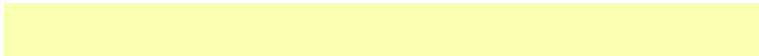
128.0000, 0.0000, 0.0000

Same Dimension

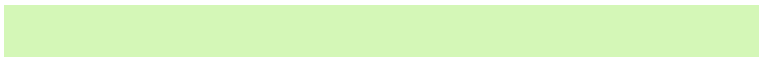
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.5080, -27.3654, 3.9395



244.4990, -33.7700, 4.8244



229.2390, -22.7958, -15.1186



120.6320, -5.2416, 1.1997



161.5070, -79.6230, 11.8334



51.0780, -25.1815, 3.4396

Inverse Universe

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



191.4920, 27.3654, -3.9395



186.5010, 33.7700, -4.8244



200.7610, 22.7958, 15.1186



111.6670, 5.0942, -0.5850



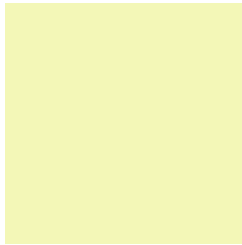
24.7920, 79.4755, -11.2186



7.9220, 25.1815, -3.4396

Previews

White Background



This preview shows how the YUV color 238.5080, -27.3654, 3.9395 looks on a white background.

Color Contrast Check

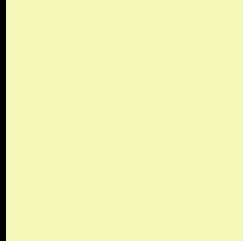
Large Text (above 18pt) WCAG AA × Fail

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 238.5080, -27.3654, 3.9395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

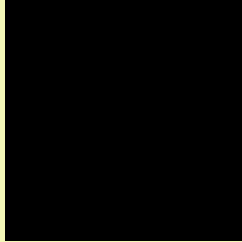
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 238.5080, -27.3654, 3.9395

Background



This preview shows how black text looks on a background with the YUV color 238.5080, -27.3654, 3.9395.

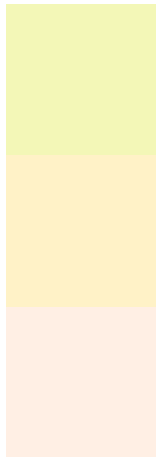


This preview shows how white text looks on a background with the YUV color 238.5080, -27.3654, 3.9395.

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

238.5080, -27.3654, 3.9395

Protanopia

240.9850, -20.6986, 12.2912

Deuteranopia

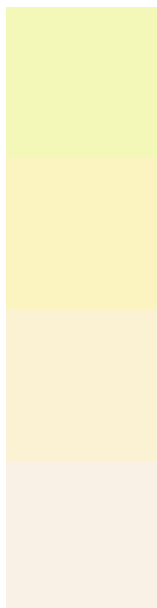
242.5300, -7.1633, 10.9362



Tritanopia

244.1240, 5.3619, 6.9073

Trichromacy



Original Color

238.5080, -27.3654, 3.9395

Protanomaly

240.2790, -23.3085, 9.4023

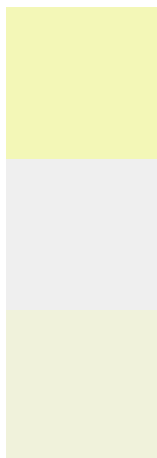
Deuteranomaly

241.2710, -14.4306, 8.5323

Tritanomaly

242.0240, -6.4208, 6.1180

Monochromacy



Original Color

238.5080, -27.3654, 3.9395

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

238.7800, -9.7515, 1.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.5080, -27.3654, 3.9395 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, 247, 183)` looks like.

```
.text, #text, p{  
    color:rgb(243, 247, 183)  
}
```

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, 247, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 247, 183) }
```

Border

The CSS property to change the border of an element to YUV 238.5080, -27.3654, 3.9395 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, 247, 183) }
```


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

```
.border{ border-color:rgb(243, 247, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 247, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 247, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 247, 183);  
box-shadow:4px 4px 4px 4px rgb(243, 247,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 238.5080, -27.3654, 3.9395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 247, 183) }
```

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

```
.background{ background-color: rgb(243,  
247, 183) }
```

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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