

Converting Colors

YUV(238.7640, -28.9707,
5.4690)

Have a look what the booklet for
YUV(238.7640, -28.9707, 5.4690)
contains.

YUV(238.7640, -28.9707, 5.4690)	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(238.7640, -28.9707,
5.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F7B4
RGB	245, 247, 180
RGB Percent	96%, 97%, 71%
CMY	0.0392, 0.0314, 0.2941
CMYK	0.01, 0.00, 0.27, 0.03
HSL	62°, 81%, 84%
HSV	62°, 27%, 97%
XYZ	79.1552, 89.2293, 56.2311
YIQ	238.7640, 20.3150, -21.2610

Conversions

Conversions Part 2

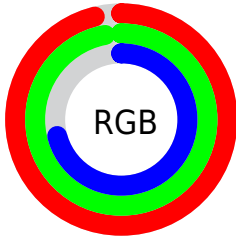
Format	Color
R_{YB}	180, 247, 182
Decimal	16119732
CIE Lab	95.68, -10.95, 32.08
CIE LCh	96, 33.900, 108.836
Yxy	89.2293, 0.3524, 0.3973
Android (android.graphics.Color)	4294309812 (0xFFFF5F7B4)
YUV	238.7640, -28.9707, 5.4690
Hunter-Lab	94.4613, -15.7306, 30.8286

Details

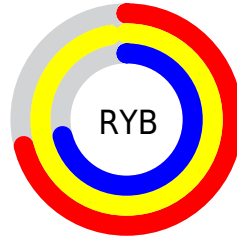
The YUV color $238.7640, -28.9707, 5.4690$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $188.2360, 28.9707, -5.4690$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8340, -8.2992, 1.8996$, and $182.8070, -27.5129, 4.5543$ is the 20% darker color. If you saturate the color by 10%, you get $235.6150, -39.7432, 7.3536$, and if you desaturate by 10%, it is $241.9130, -18.1981, 3.5843$.

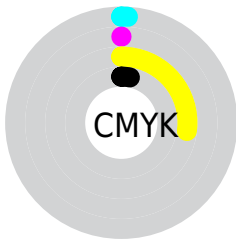
Distribution



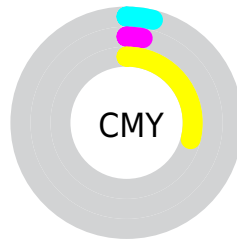
- Red (96%)
- Green (97%)
- Blue (71%)



- Red (71%)
- Yellow (97%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (27%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.7640, -28.9707, 5.4690 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 238.7640, -28.9707, 5.4690 by changing the saturation by 10% instead.

■ 238.7640,
-28.9707, 5.4690

■ 238.7640,
-28.9707, 5.4690

■ 255.0000, 0.0000,
0.0000

■ 210.5790,
-28.3864, 4.7542

■ 252.8340, -8.2992,
1.8996

■ 182.8070,
-27.5129, 4.5543

■ 155.9210,
-27.0761, 4.4543

■ 129.2630,
-25.7657, 4.1543

■ 104.0780,
-25.1815, 3.4396

■ 79.8930, -24.5972,
2.7248

■ 55.4800, -24.8866,

2.2100

■ 35.4180, -17.4611,
0.5104

■ 14.3980, -7.0982,
-9.9960

■ 238.7640,
-28.9707, 5.4690

■ 238.7640,
-28.9707, 5.4690

■ 235.6150,
-39.7432, 7.3536

■ 241.9130,
-18.1981, 3.5843

■ 232.8790,
-50.2263, 9.7531

■ 244.6490, -7.7150,
1.1848

■ 229.7300,
-60.9989, 11.6378

■ 247.7980, 3.0576,
-0.6998

■ 226.5810,
-71.7714, 13.5225

■ 248.2110, 3.3470,
-0.1850

■ 223.5460,
-82.1072, 15.3072

■ 248.5100, 3.1996,
0.4297

■ 220.6960,
-93.0271, 17.8066

■ 248.8090, 3.0522,
1.0445

■ 217.5470,
-103.7997, 19.6913

■ 249.1080, 2.9048,
1.6593

■ 216.7490,
-106.8573, 20.3911

■ 249.4070, 2.7573,
2.2741

Harmonies

Analogous

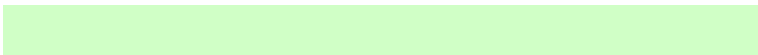
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.1830, -27.6982, 17.3795



238.7640, -28.9707, 5.4690



234.4490, -17.9694, -23.1958

Triad

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



238.7640, -28.9707, 5.4690



223.9040, 15.3303, -63.9368



234.4550, 10.1287, 18.0180

Complementary

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



238.7640, -28.9707, 5.4690



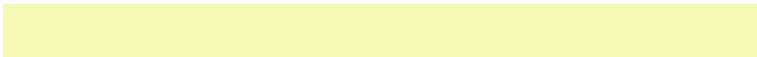
188.2360, 28.9707, -5.4690

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



238.7640, -28.9707, 5.4690



230.5480, 12.0548, -39.9456

Square

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



238.7640, -28.9707, 5.4690



222.7080, 15.9200, -66.3959



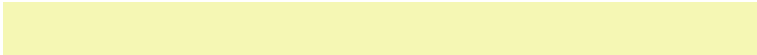
237.8450, 8.4574, -6.0031



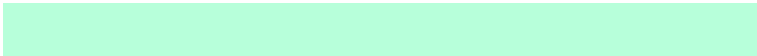
230.2200, -3.5595, 21.7321

Rectangle

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



238.7640, -28.9707, 5.4690



229.2540, -5.5482, -40.5648



237.8450, 8.4574, -6.0031



235.6290, 9.5499, 16.9884

Sweetspot

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



238.7640, -28.9707, 5.4690



252.4210, -8.5886, 1.3848



200.6200, -10.1657, 40.6753



126.2190, -5.5310, 0.6849



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

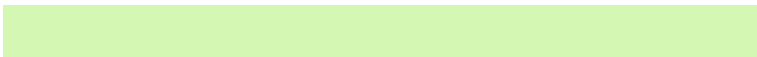
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.7640, -28.9707, 5.4690



244.5270, -36.2488, 6.5538



228.8970, -24.1062, -14.8187



120.6320, -5.2416, 1.1997



163.3010, -80.5074, 15.5220



51.6760, -25.4763, 4.6691

Inverse Universe

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



188.2360, 28.9707, -5.4690



181.1740, 36.3962, -7.1686



198.1030, 24.1062, 14.8187



111.6670, 5.0942, -0.5850



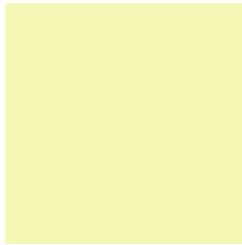
22.9980, 80.3600, -14.9072



7.3240, 25.4763, -4.6691

Previews

White Background



This preview shows how the YUV color 238.7640, -28.9707, 5.4690 looks on a white background.

Color Contrast Check

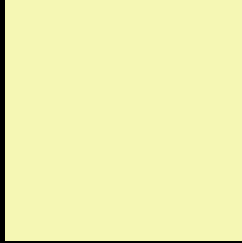
Large Text (above 18pt) WCAG AA × Fail

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 238.7640, -28.9707, 5.4690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

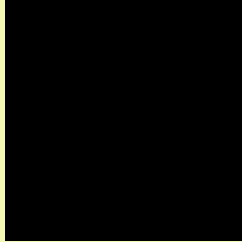
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

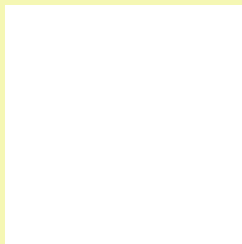
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.7640, -28.9707, 5.4690

Background



This preview shows how black text looks on a background with the YUV color 238.7640, -28.9707, 5.4690.

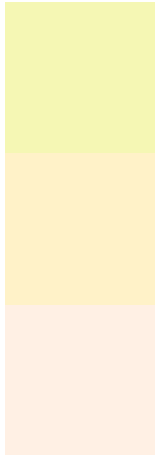


This preview shows how white text looks on a background with the YUV color 238.7640, -28.9707,

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

238.7640, -28.9707, 5.4690

Protanopia

241.0990, -20.2618, 12.1912

Deuteranopia

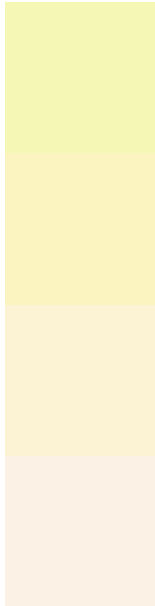
243.1170, -7.4527, 10.4214



Tritanopia

244.1350, 5.3564, 8.6516

Trichromacy



Original Color

238.7640, -28.9707, 5.4690

Protanomaly

240.2790, -23.3085, 9.4023

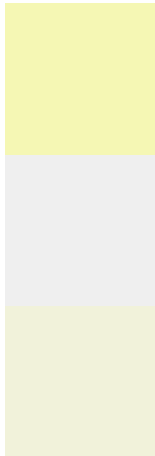
Deuteranomaly

241.7440, -15.1568, 8.1175

Tritanomaly

242.5080, -7.1524, 7.4475

Monochromacy



Original Color

238.7640, -28.9707, 5.4690

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

238.9650, -10.3357, 1.7847

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.7640, -28.9707, 5.4690 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(245, 247, 180)` looks like.

```
.text, #text, p{  
    color:rgb(245, 247, 180)  
}
```

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(245, 247, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 247, 180) }
```

Border

The CSS property to change the border of an element to YUV 238.7640, -28.9707, 5.4690 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(245, 247, 180) }
```


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

```
.border{ border-color:rgb(245, 247, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 247, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 247, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 247, 180);  
box-shadow:4px 4px 4px 4px rgb(245, 247,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 238.7640, -28.9707, 5.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 247, 180) }
```

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

```
.background{ background-color: rgb(245,  
247, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor