

Converting Colors

YUV(251.0790, -9.8989, 1.6847)

Have a look what the booklet for
YUV(251.0790, -9.8989, 1.6847)
contains.

YUV(251.0790, -9.8989, 1.6847)	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(251.0790, -9.8989,
1.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	FD FEE7
RGB	253, 254, 231
RGB Percent	99%, 100%, 91%
CMY	0.0078, 0.0039, 0.0941
CMYK	0.00, 0.00, 0.09, 0.00
HSL	63°, 92%, 95%
HSV	63°, 9%, 100%
XYZ	90.3736, 97.5358, 89.6644
YIQ	251.0790, 6.7870, -7.3650

Conversions

Conversions Part 2

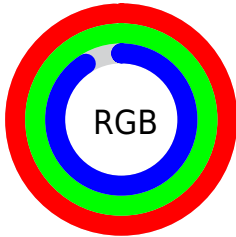
Format	Color
R_{YB}	231, 254, 232
Decimal	16645863
CIE Lab	99.04, -4.19, 10.88
CIE LCh	99, 11.660, 111.070
Yxy	97.5358, 0.3256, 0.3514
Android (android.graphics.Color)	4294835943 (0xFFFD ^{FEE} 7)
YUV	251.0790, -9.8989, 1.6847
Hunter-Lab	98.7602, -9.4883, 15.3028

Details

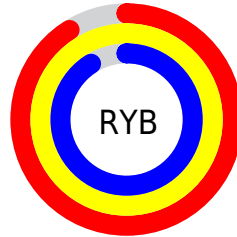
The YUV color $251.0790, -9.8989, 1.6847$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.9210, 9.8989, -1.6847$, and the grayscale version is $251.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $194.1930, -9.4621, 1.5847$ is the 20% darker color. If you saturate the color by 10%, you get $247.9300, -20.6715, 3.5694$, and if you desaturate by 10%, it is $254.1140, 0.4368, -0.1000$.

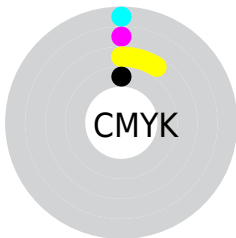
Distribution



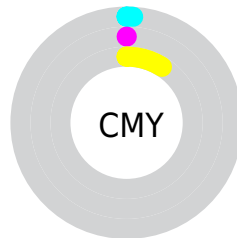
- Red (99%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 251.0790, -9.8989, 1.6847 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 251.0790, -9.8989, 1.6847 by changing the saturation by 10% instead.

 251.0790, -9.8989,
1.6847

 251.0790, -9.8989,
1.6847


255.0000, 0.0000,
0.0000


 222.1930, -9.4621,
1.5847

 194.1930, -9.4621,
1.5847

 167.3070, -9.0254,
1.4848

 141.3070, -9.0254,
1.4848

 115.4210, -8.5886,
1.3848

 90.5350, -8.1518,
1.2848

 67.6490, -7.7150,

1.1848

■ 45.3500, -7.5676,
0.5700

■ 24.3070, -9.0254,
1.4848

■ 251.0790, -9.8989,
1.6847

■ 251.0790, -9.8989,
1.6847

■ 247.9300,
-20.6715, 3.5694

254.1140, 0.4368,
-0.1000

■ 244.6670,
-31.8808, 5.5540

254.4130, 0.2894,
0.5148

■ 241.5180,
-42.6534, 7.4387

■ 238.2550,
-53.8627, 9.4234

■ 234.8070,
-64.4879, 10.6933

■ 231.6580,
-75.2604, 12.5779

■ 228.3950,
-86.4697, 14.5626

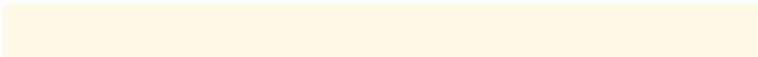
■ 225.2460,
-97.2423, 16.4473

■ 221.9830,
-108.4516, 18.4319

Harmonies

Analogous

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



249.2150, -9.4730, 5.0734



251.0790, -9.8989, 1.6847



248.5770, -5.2145, -7.5220

Triad

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



251.0790, -9.8989, 1.6847



246.6280, 4.1274, -17.2138



249.1300, 2.8939, 5.1480

Complementary

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



251.0790, -9.8989, 1.6847



233.9210, 9.8989, -1.6847

Split Complementary

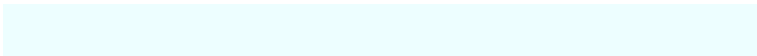
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250.3040, 2.3151, 4.1184



251.0790, -9.8989, 1.6847



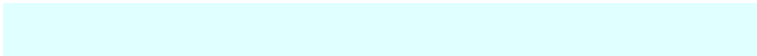
249.0310, 2.9427, -10.5512

Square

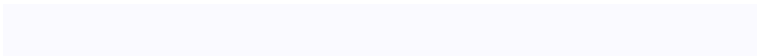
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



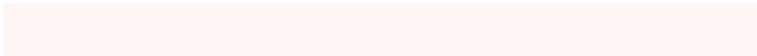
251.0790, -9.8989, 1.6847



245.7310, 4.5696, -19.0581



250.5700, 2.1840, -0.4999



247.9900, -1.4741, 6.1478

Rectangle

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



251.0790, -9.8989, 1.6847



246.8690, -1.4144, -13.0401



250.5700, 2.1840, -0.4999



249.1300, 2.8939, 5.1480

Sweetspot

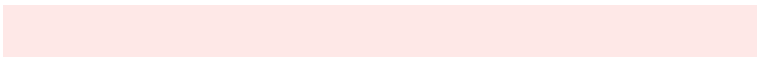
The Sweet Spot groups the original color and five complimentary colors.



251.0790, -9.8989, 1.6847



254.0880, -3.4944, 0.7998



238.4640, -3.6798, 13.6251



127.0170, -2.4734, -0.0149



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.



251.0790, -9.8989, 1.6847



251.5090, -12.0829, 2.1846



247.7900, -8.2775, -5.0778



126.2190, -5.5310, 0.6849



166.8340, -82.2492, 14.1776



55.8070, -27.5129, 4.5543

Inverse Universe

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



233.9210, 9.8989, -1.6847



230.4910, 12.0829, -2.1846



237.2100, 8.2775, 5.0778



116.4820, 5.6784, -1.2997



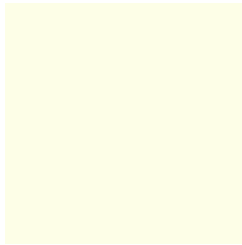
24.1660, 82.2492, -14.1776



8.1930, 27.5129, -4.5543

Previews

White Background



This preview shows how the YUV color 251.0790, -9.8989, 1.6847 looks on a white background.

Color Contrast Check

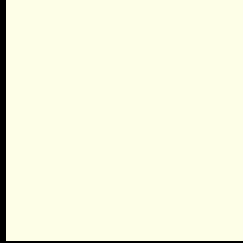
Large Text (above 18pt) WCAG AA × Fail

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 251.0790, -9.8989, 1.6847 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 251.0790, -9.8989, 1.6847

Background



This preview shows how black text looks on a background with the YUV color 251.0790, -9.8989, 1.6847.



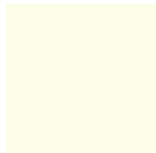
This preview shows how white text looks on a background with the YUV color 251.0790, -9.8989,

1.6847.

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

251.0790, -9.8989, 1.6847



Protanopia

252.2130, -3.0630, 2.4442

Deuteranopia

252.1960, -0.5896, 2.4591

Tritanopia

252.6410, 1.1630, 0.3148

Trichromacy

**Original Color**

251.0790, -9.8989, 1.6847

Protanomaly

251.9310, -5.3890, 1.8145

Deuteranomaly

251.6860, -3.7892, 2.0294

Tritanomaly

252.2020, -3.0576, 0.6998

Monochromacy

**Original Color**

251.0790, -9.8989, 1.6847

**Achromatopsia**

251.0000, 0.0000, 0.0000

**Achromatomaly**

251.0880, -3.4944, 0.7998

CSS Examples

Text

The CSS property to change the color of the text to YUV 251.0790, -9.8989, 1.6847 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(253, 254, 231)` looks like.

```
.text, #text, p{  
    color:rgb(253, 254, 231)  
}
```

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(253, 254, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 254, 231) }
```

Border

The CSS property to change the border of an element to YUV 251.0790, -9.8989, 1.6847 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(253, 254, 231) }
```


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

```
.border{ border-color:rgb(253, 254, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 254, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 254, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 254, 231);  
box-shadow:4px 4px 4px 4px rgb(253, 254,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 251.0790, -9.8989, 1.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 254, 231) }
```

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

```
.background{ background-color: rgb(253,  
254, 231) }
```

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