

Converting Colors

YUV(252.9140, -2.9156, 1.8294)

Have a look what the booklet for
YUV(252.9140, -2.9156, 1.8294)
contains.

YUV(252.9140, -2.9156, 1.8294)	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(252.9140, -2.9156,
1.8294)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFDF7
RGB	255, 253, 247
RGB Percent	100%, 99%, 97%
CMY	0.0000, 0.0078, 0.0314
CMYK	0.00, 0.01, 0.03, 0.00
HSL	45°, 100%, 98%
HSV	45°, 3%, 100%
XYZ	93.1538, 98.2260, 102.0455
YIQ	252.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

Format	Color
R_{YB}	250, 255, 247
Decimal	16776695
CIE Lab	99.31, -0.37, 3.09
CIE LCh	99, 3.109, 96.791
Yxy	98.2260, 0.3175, 0.3348
Android (android.graphics.Color)	4294966775 (0xFFFFFDF7)
YUV	252.9140, -2.9156, 1.8294
Hunter-Lab	99.1090, -5.6664, 8.3296

Details

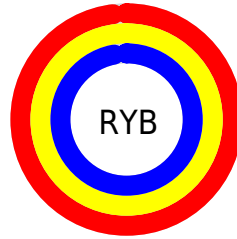
The YUV color 252.9140, -2.9156, 1.8294 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 249.0860, 2.9156, -1.8294, and the grayscale version is 253.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 196.0280, -2.4788, 1.7294 is the 20% darker color. If you saturate the color by 10%, you get 246.5420, -12.0992, 7.4177, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

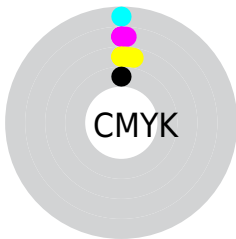
Distribution



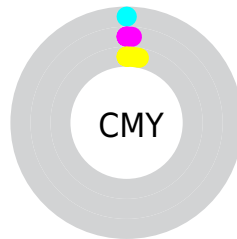
- Red (100%)
- Green (99%)
- Blue (97%)



- Red (98%)
- Yellow (100%)
- Blue (97%)



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




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

Brightness & Saturation Gradients

These gradients show how the YUV color 252.9140, -2.9156, 1.8294 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 252.9140, -2.9156, 1.8294 by changing the saturation by 10% instead.


 252.9140, -2.9156,
1.8294

 252.9140, -2.9156,
1.8294

255.0000, 0.0000,
0.0000


 224.0280, -2.4788,
1.7294

 196.0280, -2.4788,
1.7294

 169.0280, -2.4788,
1.7294

 142.9140, -2.9156,
1.8294

 117.0280, -2.4788,
1.7294

 92.7290, -2.3314,
1.1147

 69.0280, -2.4788,

1.7294

■ 46.7290, -2.3314,
1.1147

■ 25.8430, -1.8946,
1.0147

■ 252.9140, -2.9156,
1.8294

■ 252.9140, -2.9156,
1.8294

■ 246.5420,
-12.0992, 7.4177

255.0000, 0.0000,
0.0000

■ 239.4690,
-21.4302, 13.6207

■ 233.0970,
-30.6138, 19.2089

■ 226.6110,
-40.2342, 24.8972

■ 219.6520,
-49.1284, 31.0002

■ 213.1660,
-58.7488, 36.6884

■ 206.0930,
-68.0798, 42.8914

■ 199.7210,
-77.2635, 48.4797

■ 193.2350,
-86.8839, 54.1679

Harmonies

Analogous

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



252.4410, -2.1894, 2.2442



252.9140, -2.9156, 1.8294



252.4190, -2.1786, -1.2445

Triad

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



252.9140, -2.9156, 1.8294



252.3090, 1.3267, -5.5330



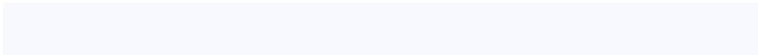
252.6520, 1.1576, 2.0592

Complementary

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



252.9140, -2.9156, 1.8294



249.0860, 2.9156, -1.8294

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.



253.2390, 0.8682, 1.5444



252.9140, -2.9156, 1.8294



252.3200, 1.3212, -3.7886

Square

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



252.9140, -2.9156, 1.8294



252.1950, 0.8899, -5.4330



252.6300, 1.1684, -1.4295



252.3100, -0.1528, 2.3591

Rectangle

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



252.9140, -2.9156, 1.8294



252.0490, -1.0102, -2.6740



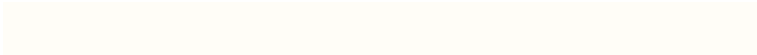
252.6300, 1.1684, -1.4295



253.2390, 0.8682, 1.5444

Sweetspot

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



252.9140, -2.9156, 1.8294



254.0710, -1.0210, 0.8147



249.6200, -0.3057, 4.7183



127.1850, -0.5842, 0.7148



0.0000, 0.0000, 0.0000



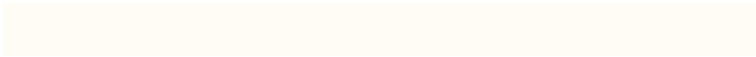
128.0000, 0.0000, 0.0000

Same Dimension

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



252.9140, -2.9156, 1.8294



252.0990, -3.4998, 2.5442



253.4900, -3.1996, -0.4297



126.0280, -2.4788, 1.7294



141.0500, -69.5376, 43.8062



47.3120, -23.3248, 14.6354

Inverse Universe

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



249.0860, 2.9156, -1.8294



247.3140, 3.7892, -2.0294



248.5100, 3.1996, 0.4297



122.9720, 2.4788, -1.7294



49.9500, 69.5376, -43.8062



16.6880, 23.3248, -14.6354

Previews

White Background



This preview shows how the YUV color 252.9140, -2.9156, 1.8294 looks on a white background.

Color Contrast Check

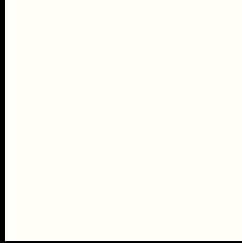
Large Text (above 18pt) WCAG AA × Fail

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 252.9140, -2.9156, 1.8294 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 252.9140, -2.9156, 1.8294 Background



This preview shows how black text looks on a background with the YUV color 252.9140, -2.9156, 1.8294.



This preview shows how white text looks on a background with the YUV color 252.9140, -2.9156, 1.8294.

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

252.9140, -2.9156, 1.8294

Protanopia

253.3700, -1.1684, 1.4295

Deuteranopia

253.0110, -0.0054, 1.7444

Tritanopia

253.5270, 0.7262, 0.4148

Trichromacy

Original Color

252.9140, -2.9156, 1.8294

Protanomaly

253.2560, -1.6052, 1.5295

Deuteranomaly

252.7830, -0.8790, 1.9443

Tritanomaly

253.1850, -0.5842, 0.7148

Monochromacy

Original Color

252.9140, -2.9156, 1.8294

Achromatopsia

253.0000, 0.0000, 0.0000

Achromatomaly

253.0710, -1.0210, 0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 252.9140, -2.9156, 1.8294 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(255, 253, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 247)  
}
```

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(255, 253, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 247) }
```

Border

The CSS property to change the border of an element to YUV 252.9140, -2.9156, 1.8294 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(255, 253, 247) }
```


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

```
.border{ border-color:rgb(255, 253, 247) }
```

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

Here you see how a box with a 4 pixel rgb(255, 253, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 252.9140, -2.9156, 1.8294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 247) }
```

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

```
.background{ background-color: rgb(255,  
253, 247) }
```

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