

Converting Colors

YUV(248.6140, -18.0507,
2.9695)

Have a look what the booklet for
YUV(248.6140, -18.0507, 2.9695)
contains.

YUV(248.6140, -18.0507, 2.9695)	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(248.6140, -18.0507,
2.9695)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFED4
RGB	252, 254, 212
RGB Percent	99%, 100%, 83%
CMY	0.0118, 0.0039, 0.1686
CMYK	0.01, 0.00, 0.17, 0.00
HSL	63°, 95%, 91%
HSV	63°, 17%, 100%
XYZ	87.4704, 96.3325, 76.2712
YIQ	248.6140, 12.2900, -13.4860

Conversions

Conversions Part 2

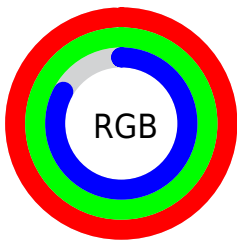
Format	Color
R _Y B	212, 254, 214
Decimal	16580308
CIE Lab	98.56, -7.47, 19.90
CIE LCh	99, 21.257, 110.564
Yxy	96.3325, 0.3363, 0.3704
Android (android.graphics.Color)	4294770388 (0xFFFCFED4)
YUV	248.6140, -18.0507, 2.9695
Hunter-Lab	98.1491, -12.6821, 22.6304

Details

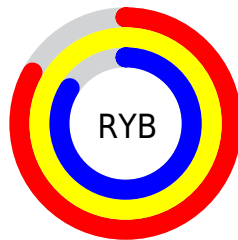
The YUV color $248.6140, -18.0507, 2.9695$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $217.3860, 18.0507, -2.9695$, and the grayscale version is $249.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $191.8420, -17.1771, 2.7696$ is the 20% darker color. If you saturate the color by 10%, you get $245.4650, -28.8232, 4.8542$, and if you desaturate by 10%, it is $251.7630, -7.2782, 1.0848$.

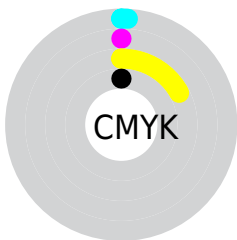
Distribution



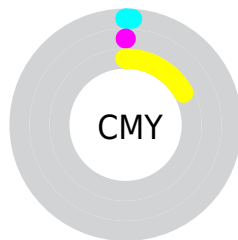
- Red (99%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 248.6140, -18.0507, 2.9695 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 248.6140, -18.0507, 2.9695 by changing the saturation by 10% instead.

248.6140,
-18.0507, 2.9695

248.6140,
-18.0507, 2.9695

255.0000, 0.0000,
0.0000

219.7280,
-17.6139, 2.8695

191.8420,
-17.1771, 2.7696

164.9560,
-16.7403, 2.6696

138.7710,
-16.1561, 1.9548

112.8850,
-15.7193, 1.8549

88.1130, -14.8457,
1.6549

65.2270, -14.4089,

1.5549

■ 43.0420, -13.8247,
0.8402

■ 22.7260, -11.2039,
0.2403

■ 248.6140,
-18.0507, 2.9695

■ 248.6140,
-18.0507, 2.9695

■ 245.4650,
-28.8232, 4.8542

■ 251.7630, -7.2782,
1.0848

■ 242.2020,
-40.0326, 6.8388

■ 254.1140, 0.4368,
-0.1000

■ 238.7540,
-50.6577, 8.1087

■ 254.4130, 0.2894,
0.5148

■ 235.4910,
-61.8671, 10.0934

■ 232.3420,
-72.6396, 11.9781

■ 229.1930,
-83.4121, 13.8627

■ 225.9300,
-94.6215, 15.8474

■ 222.4820,
-105.2466, 17.1173

■ 221.4560,
-109.1778, 18.0171

Harmonies

Analogous

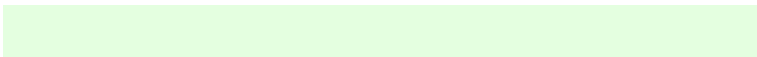
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.1740, -17.3408, 8.6174



248.6140, -18.0507, 2.9695



243.3930, -9.5607, -13.4997

Triad

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



248.6140, -18.0507, 2.9695



238.8540, 7.9600, -33.1980



244.4340, 5.2090, 9.2664

Complementary

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



248.6140, -18.0507, 2.9695



217.3860, 18.0507, -2.9695

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.



246.7820, 4.0515, 7.2072



248.6140, -18.0507, 2.9695



244.5350, 5.1592, -21.5172

Square

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



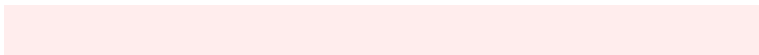
248.6140, -18.0507, 2.9695



237.6580, 8.5496, -35.6571



248.2000, 3.3524, -1.9294



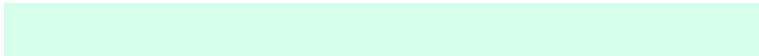
242.3820, -2.6533, 11.0660

Rectangle

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



248.6140, -18.0507, 2.9695



240.5750, -2.2555, -23.3063



248.2000, 3.3524, -1.9294



245.0210, 4.9196, 8.7516

Sweetspot

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



248.6140, -18.0507, 2.9695



253.2190, -5.5310, 0.6849



225.1450, -6.4805, 25.3058



126.7890, -3.3470, 0.1850



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

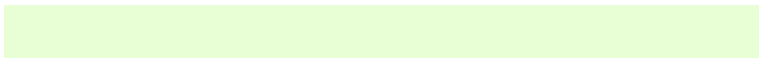
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248.6140, -18.0507, 2.9695



248.5880, -21.9819, 3.8693



242.6340, -15.1026, -9.3260



126.2190, -5.5310, 0.6849



166.5350, -82.1018, 13.5628



55.8070, -27.5129, 4.5543

Inverse Universe

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



217.3860, 18.0507, -2.9695



210.4120, 21.9819, -3.8693



223.3660, 15.1026, 9.3260



116.4820, 5.6784, -1.2997



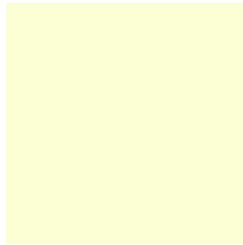
24.4650, 82.1018, -13.5628



8.1930, 27.5129, -4.5543

Previews

White Background



This preview shows how the YUV color 248.6140, -18.0507, 2.9695 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 248.6140, -18.0507, 2.9695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

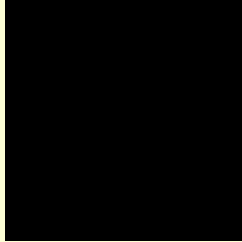
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 248.6140, -18.0507, 2.9695

Background



This preview shows how black text looks on a background with the YUV color 248.6140, -18.0507, 2.9695.



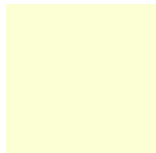
This preview shows how white text looks on a background with the YUV color 248.6140, -18.0507, 2.9695.

2.9695.

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

248.6140, -18.0507, 2.9695



Protanopia

250.8280, -5.8312, 3.6588

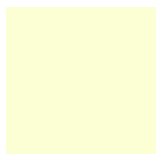
Deuteranopia

251.1530, -2.0474, 3.3738

Tritanopia

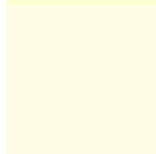
251.4670, 1.7418, 1.3444

Trichromacy



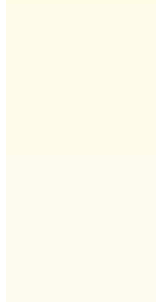
Original Color

248.6140, -18.0507, 2.9695



Protanomaly

249.9760, -10.3412, 3.5290



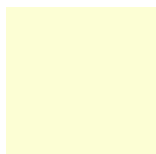
Deuteranomaly

249.9590, -7.8678, 3.5440

Tritanomaly

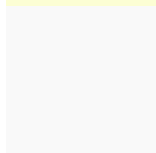
250.2300, -5.5364, 2.4293

Monochromacy



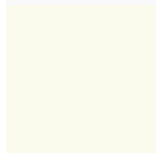
Original Color

248.6140, -18.0507, 2.9695



Achromatopsia

249.0000, 0.0000, 0.0000



Achromatomaly

248.9910, -6.4046, 0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 248.6140, -18.0507, 2.9695 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(252, 254, 212)` looks like.

```
.text, #text, p{  
    color:rgb(252, 254, 212)  
}
```

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(252, 254, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 254, 212) }
```

Border

The CSS property to change the border of an element to YUV 248.6140, -18.0507, 2.9695 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(252, 254, 212) }
```


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

```
.border{ border-color:rgb(252, 254, 212) }
```

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

Here you see how a box with a 4 pixel rgb(252, 254, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 254, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 254, 212);  
box-shadow:4px 4px 4px 4px rgb(252, 254,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 248.6140, -18.0507, 2.9695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 254, 212) }
```

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

```
.background{ background-color: rgb(252,  
254, 212) }
```

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