

Converting Colors

YUV(246.9640, -8.8563, -6.1074)

Have a look what the booklet for
YUV(246.9640, -8.8563, -6.1074)
contains.

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Color

**YUV(246.9640, -8.8563,
-6.1074)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FEE5
RGB	240, 254, 229
RGB Percent	94%, 100%, 90%
CMY	0.0588, 0.0039, 0.1020
CMYK	0.06, 0.00, 0.10, 0.00
HSL	94°, 93%, 95%
HSV	94°, 10%, 100%
XYZ	85.5198, 95.0660, 87.9709
YIQ	246.9640, -0.3190, -10.7430

Conversions

Conversions Part 2

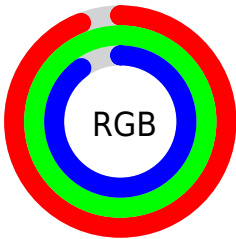
Format	Color
R _Y B	229, 254, 243
Decimal	15793893
CIE Lab	98.06, -8.94, 10.38
CIE LCh	98, 13.696, 130.724
Yxy	95.0660, 0.3184, 0.3540
Android (android.graphics.Color)	4293983973 (0xFFFF0FEE5)
YUV	246.9640, -8.8563, -6.1074
Hunter-Lab	97.5018, -14.0640, 14.7569

Details

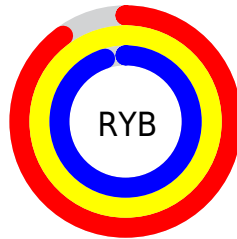
The YUV color $246.9640, -8.8563, -6.1074$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $236.0360, 8.8563, 6.1074$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $190.4910, -8.1301, -5.6926$ is the 20% darker color. If you saturate the color by 10%, you get $239.9280, -17.7125, -12.2149$, and if you desaturate by 10%, it is $254.0000, 0.0000, 0.0000$.

Distribution



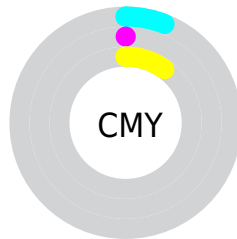
- Red (94%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (95%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 246.9640, -8.8563, -6.1074 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 246.9640, -8.8563, -6.1074 by changing the saturation by 10% instead.

 246.9640, -8.8563,
-6.1074

 246.9640, -8.8563,
-6.1074


255.0000, 0.0000,
0.0000


 218.3770, -8.5669,
-5.5926

 190.4910, -8.1301,
-5.6926

 163.4910, -8.1301,
-5.6926

 137.4910, -8.1301,
-5.6926

 111.9040, -7.8407,
-5.1778

 87.1320, -6.9671,
-5.3778

 64.1320, -6.9671,

-5.3778

■ 41.6590, -6.2409,
-4.9629

■ 21.3880, -8.5723,
-3.8483

■ 246.9640, -8.8563,
-6.1074

■ 246.9640, -8.8563,
-6.1074

■ 239.9280,
-17.7125, -12.2149

254.0000, 0.0000,
0.0000

■ 232.7780,
-27.0056, -18.2223

254.4130, 0.2894,
0.5148

■ 225.4430,
-35.7144, -24.9445

■ 218.2930,
-45.0074, -30.9520

■ 211.2570,
-53.8637, -37.0594

■ 204.2210,
-62.7200, -43.1668

■ 196.7720,
-71.8656, -49.7890

■ 189.7360,
-80.7218, -55.8965

■ 182.5860,
-90.0149, -61.9039

Harmonies

Analogous

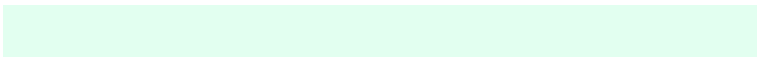
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.4170, -12.5306, 5.7733



246.9640, -8.8563, -6.1074



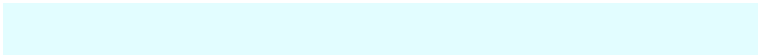
244.6190, -2.2772, -16.3289

Triad

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



246.9640, -8.8563, -6.1074



245.1550, 4.8536, -16.7989



245.0550, -0.0271, 8.7218

Complementary

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



246.9640, -8.8563, -6.1074



236.0360, 8.8563, 6.1074

Split Complementary

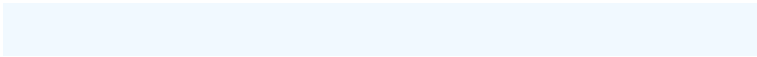
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.7820, 4.0515, 7.2072



246.9640, -8.8563, -6.1074



247.2920, 3.8000, -5.5181

Square

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



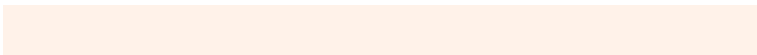
246.9640, -8.8563, -6.1074



243.6380, 5.6015, -23.3615



249.1300, 2.8939, 5.1480



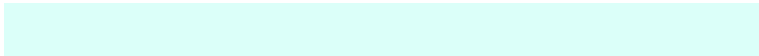
244.8610, -5.8475, 8.8919

Rectangle

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



246.9640, -8.8563, -6.1074



243.5520, 2.6859, -21.5321



249.1300, 2.8939, 5.1480



245.6250, 2.1569, 8.2219

Sweetspot

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



246.9640, -8.8563, -6.1074



252.8920, -2.9048, -1.6593



244.6930, -7.7366, 8.1622



126.4190, -2.1786, -1.2445



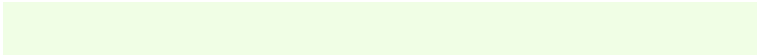
0.0000, 0.0000, 0.0000



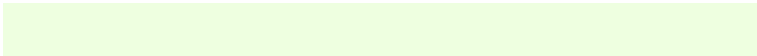
128.0000, 0.0000, 0.0000

Same Dimension

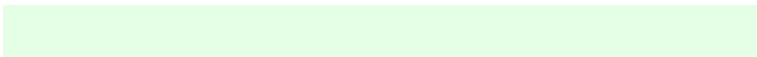
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.9640, -8.8563, -6.1074



246.3830, -11.0348, -7.3519



243.7890, -6.7980, -12.9700



124.1260, -4.4991, -3.6185



137.2330, -67.6559, -46.6853



45.9400, -22.6484, -15.7334

Inverse Universe

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



236.0360, 8.8563, 6.1074



232.9160, 10.8874, 7.9667



239.2110, 6.7980, 12.9700



118.5750, 4.6465, 3.0037



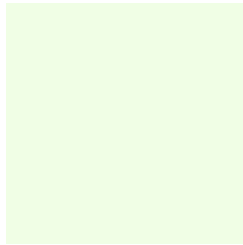
53.7670, 67.6559, 46.6853



18.0600, 22.6484, 15.7334

Previews

White Background



This preview shows how the YUV color 246.9640, -8.8563, -6.1074 looks on a white background.

Color Contrast Check

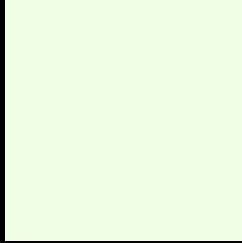
Large Text (above 18pt) WCAG AA × Fail

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 246.9640, -8.8563, -6.1074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

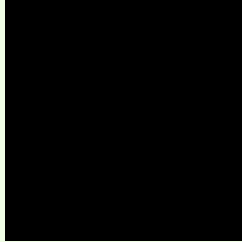
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

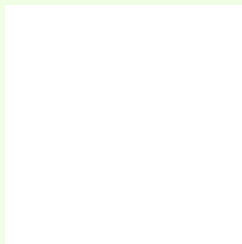
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 246.9640, -8.8563, -6.1074

Background



This preview shows how black text looks on a background with the YUV color 246.9640, -8.8563, -6.1074.



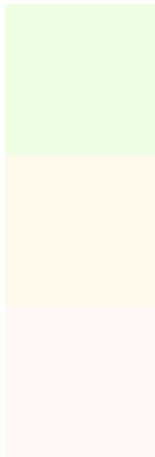
This preview shows how white text looks on a background with the YUV color 246.9640, -8.8563,

-6.174.

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

246.9640, -8.8563, -6.1074

Protanopia

249.3120, -6.5628, 4.9884

Deuteranopia

249.8650, -1.9054, 4.5034

Tritanopia

249.3850, 2.7682, -1.2146

Trichromacy



Original Color

246.9640, -8.8563, -6.1074

Protanomaly

248.6490, -7.7150, 1.1848

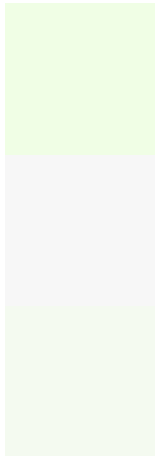
Deuteranomaly

248.8600, -4.3680, 0.9998

Tritanomaly

248.6360, -1.2995, -3.1888

Monochromacy



Original Color

246.9640, -8.8563, -6.1074

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

247.0660, -3.4835, -2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.9640, -8.8563, -6.1074 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(240, 254, 229)` looks like.

```
.text, #text, p{  
    color:rgb(240, 254, 229)  
}
```

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(240, 254, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 254, 229) }
```

Border

The CSS property to change the border of an element to YUV 246.9640, -8.8563, -6.1074 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(240, 254, 229) }
```


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

```
.border{ border-color:rgb(240, 254, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 254, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 254, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 254, 229);  
box-shadow:4px 4px 4px 4px rgb(240, 254,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 246.9640, -8.8563, -6.1074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 254, 229) }
```

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

```
.background{ background-color: rgb(240,  
254, 229) }
```

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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