

Converting Colors

YUV(241.3980, -40.6222,
9.2980)

Have a look what the booklet for
YUV(241.3980, -40.6222, 9.2980)
contains.

YUV(241.3980, -40.6222, 9.2980)	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(241.3980, -40.6222,
9.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFC9F
RGB	252, 252, 159
RGB Percent	99%, 99%, 62%
CMY	0.0118, 0.0118, 0.3765
CMYK	0.00, 0.00, 0.37, 0.01
HSL	60°, 94%, 81%
HSV	60°, 37%, 99%
XYZ	81.2133, 92.8195, 46.4364
YIQ	241.3980, 29.8530, -28.9230

Conversions

Conversions Part 2

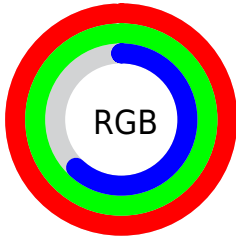
Format	Color
RYB	159, 252, 159
Decimal	16579743
CIELab	97.15, -13.27, 44.55
CIELCh	97, 46.485, 106.592
Yxy	92.8195, 0.3684, 0.4210
Android (android.graphics.Color)	4294769823 (0xFFFCFC9F)
YUV	241.3980, -40.6222, 9.2980
Hunter-Lab	96.3429, -18.1314, 38.8627

Details

The YUV color **241.3980, -40.6222, 9.2980** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **169.6020, 40.6222, -9.2980**, and the grayscale version is **242.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.4400, -17.4719, 3.9991**, and **185.1420, -39.0170, 7.7685** is the 20% darker color. If you saturate the color by 10%, you get **238.5480, -51.5422, 11.7974**, and if you desaturate by 10%, it is **244.2480, -29.7023, 6.7985**.

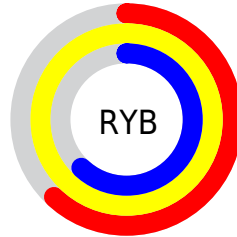
Distribution



Red (99%)

Green (99%)

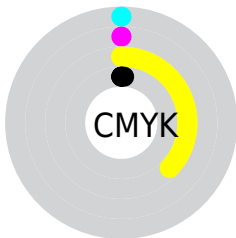
Blue (62%)



Red (62%)

Yellow (99%)

Blue (62%)

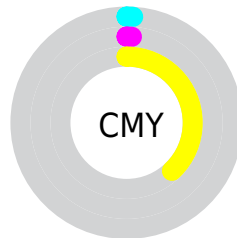


Cyan (0%)

Magenta (0%)

Yellow (37%)

Black (1%)



Cyan (1%)

Magenta (1%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.3980, -40.6222, 9.2980 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 241.3980, -40.6222, 9.2980 by changing the saturation by 10% instead.

241.3980,
-40.6222, 9.2980

241.3980,
-40.6222, 9.2980

255.0000, 0.0000,
0.0000

212.6260,
-39.7486, 9.0980

250.4400,
-17.4719, 3.9991

185.1420,
-39.0170, 7.7685

253.6320, -5.2416,
1.1997

157.3700,
-38.1434, 7.5685

131.1850,
-37.5592, 6.8538

105.5870,
-37.2644, 5.6242

79.7180, -39.3010,
5.5093

58.7420, -28.9598,

1.9803

■ 37.7660, -18.6186,
-1.5488

■ 17.6430, -8.6980,
-10.2109

■ 241.3980,
-40.6222, 9.2980

■ 241.3980,
-40.6222, 9.2980

■ 238.5480,
-51.5422, 11.7974

■ 244.2480,
-29.7023, 6.7985

■ 235.6980,
-62.4621, 14.2969

■ 247.0980,
-18.7823, 4.2991

■ 232.7340,
-73.8189, 16.8963

■ 250.0620, -7.4256,
1.6996

■ 229.8840,
-84.7388, 19.3957

■ 252.3420, 1.3104,
-0.2999

■ 227.0340,
-95.6588, 21.8952

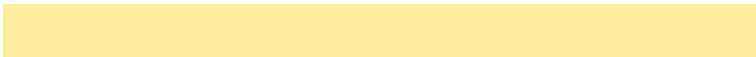
■ 224.1840,
-106.5787, 24.3946

■ 223.2720,
-110.0731, 25.1945

Harmonies

Analogous

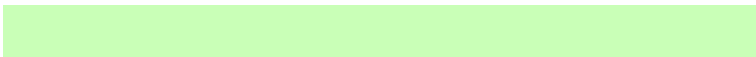
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.4900, -36.7236, 18.8643



241.3980, -40.6222, 9.2980



230.6460, -23.4895, -25.9995

Triad

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



241.3980, -40.6222, 9.2980



204.4690, 24.9118, -103.8973



230.9330, 11.8650, 21.1068

Complementary

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



241.3980, -40.6222, 9.2980



169.6020, 40.6222, -9.2980

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.



237.9770, 8.3923, 14.9292



241.3980, -40.6222, 9.2980



223.6050, 15.4777, -64.5516

Square

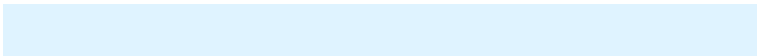
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.3980, -40.6222, 9.2980



205.9640, 24.1747, -100.8234



238.3880, 8.1897, -13.4953



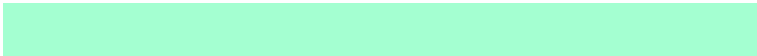
226.6980, -1.8231, 24.8209

Rectangle

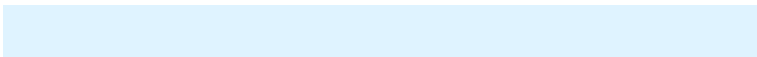
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.3980, -40.6222, 9.2980



222.5470, -6.6787, -51.3457



238.3880, 8.1897, -13.4953



232.6940, 10.9969, 19.5624

Sweetspot

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



241.3980, -40.6222, 9.2980



251.8080, -12.2303, 2.7994



186.8070, -13.7089, 57.1743



126.0620, -7.4256, 1.6996



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

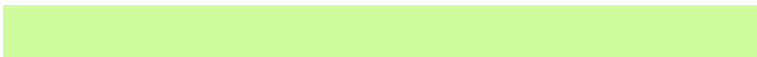
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.3980, -40.6222, 9.2980



242.2320, -48.9214, 11.1975



227.6440, -33.8415, -18.9818



123.5180, -5.6784, 1.2997



167.4540, -82.5548, 18.8958



54.0460, -26.6447, 6.0987

Inverse Universe

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



169.6020, 40.6222, -9.2980



155.7680, 48.9214, -11.1975



183.6550, 33.6941, 19.5966



113.4820, 5.6784, -1.2997



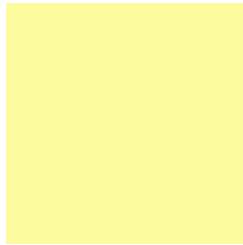
21.5460, 82.5548, -18.8958



6.9540, 26.6447, -6.0987

Previews

White Background



This preview shows how the YUV color 241.3980, -40.6222, 9.2980 looks on a white background.

Color Contrast Check

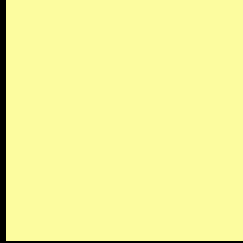
Large Text (above 18pt) WCAG AA × Fail

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 241.3980, -40.6222, 9.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

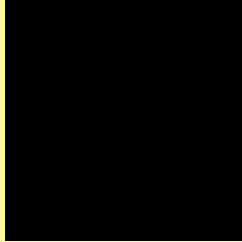
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 241.3980, -40.6222, 9.2980

Background



This preview shows how black text looks on a background with the YUV color 241.3980, -40.6222, 9.2980.

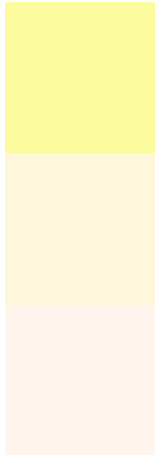


This preview shows how white text looks on a background with the YUV color 241.3980, -40.6222, 9.2980.

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

241.3980, -40.6222, 9.2980

Protanopia

246.2000, -13.4096, 7.7176

Deuteranopia

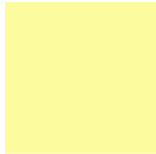
246.9640, -5.4053, 7.0476



Tritanopia

247.7280, 2.5991, 6.3775

Trichromacy



Original Color

241.3980, -40.6222, 9.2980



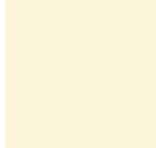
Protanomaly

244.5670, -23.4505, 8.2727



Deuteranomaly

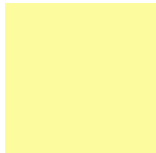
245.2340, -18.3564, 7.6878



Tritanomaly

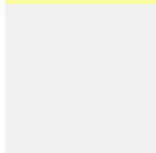
245.3140, -12.9728, 7.6176

Monochromacy



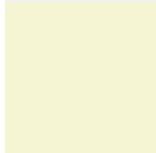
Original Color

241.3980, -40.6222, 9.2980



Achromatopsia

241.0000, 0.0000, 0.0000



Achromatomaly

241.1240, -14.8511, 3.3993

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.3980, -40.6222, 9.2980 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, 252, 159)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 159)  
}
```

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, 252, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 159) }
```

Border

The CSS property to change the border of an element to YUV 241.3980, -40.6222, 9.2980 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, 252, 159) }
```


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

```
.border{ border-color:rgb(252, 252, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 159);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 241.3980, -40.6222, 9.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 159) }
```

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

```
.background{ background-color: rgb(252,  
252, 159) }
```

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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