

Converting Colors

YUV(244.3980, -40.6222,
9.2980)

Have a look what the booklet for
YUV(244.3980, -40.6222, 9.2980)
contains.

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Color

**YUV(244.3980, -40.6222,
9.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFFA2
RGB	255, 255, 162
RGB Percent	100%, 100%, 64%
CMY	0.0000, 0.0000, 0.3647
CMYK	0.00, 0.00, 0.36, 0.00
HSL	60°, 100%, 82%
HSV	60°, 36%, 100%
XYZ	83.5216, 95.3886, 48.1922
YIQ	244.3980, 29.8530, -28.9230

Conversions

Conversions Part 2

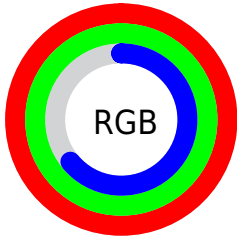
Format	Color
R _Y B	162, 255, 162
Decimal	16777122
CIE Lab	98.19, -13.28, 44.46
CIE LCh	98, 46.400, 106.631
Yxy	95.3886, 0.3678, 0.4200
Android (android.graphics.Color)	4294967202 (0xFFFFFFFFA2)
YUV	244.3980, -40.6222, 9.2980
Hunter-Lab	97.6671, -18.2703, 39.1113

Details

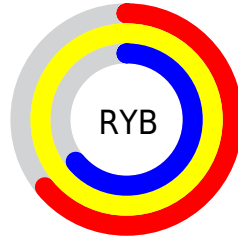
The YUV color $244.3980, -40.6222, 9.2980$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $172.6020, 40.6222, -9.2980$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.7820, -16.1615, 3.6992$, and $187.5550, -38.7276, 8.2833$ is the 20% darker color. If you saturate the color by 10%, you get $241.4340, -51.9790, 11.8974$, and if you desaturate by 10%, it is $247.2480, -29.7023, 6.7985$.

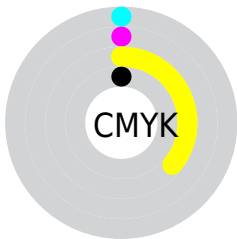
Distribution



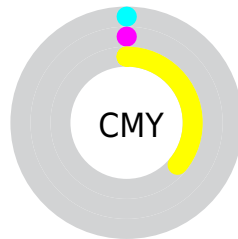
- Red (100%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.3980, -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 244.3980, -40.6222, 9.2980 by changing the saturation by 10% instead.

244.3980,
-40.6222, 9.2980

244.3980,
-40.6222, 9.2980

255.0000, 0.0000,
0.0000

215.6260,
-39.7486, 9.0980

250.7820,
-16.1615, 3.6992

187.5550,
-38.7276, 8.2833

254.0880, -3.4944,
0.7998

160.3700,
-38.1434, 7.5685

133.8860,
-37.4118, 6.2390

108.0000,
-36.9750, 6.1390

82.0170, -39.4484,
6.1241

60.8130, -29.9808,

2.7950

■ 40.4240, -19.9290,
-1.2488

■ 19.7250, -9.7244,
-7.6518

■ 244.3980,
-40.6222, 9.2980

■ 244.3980,
-40.6222, 9.2980

■ 241.4340,
-51.9790, 11.8974

■ 247.2480,
-29.7023, 6.7985

■ 238.5840,
-62.8989, 14.3968

■ 250.2120,
-18.3455, 4.1991

■ 235.7340,
-73.8189, 16.8963

■ 253.1760, -6.9888,
1.5996

■ 232.7700,
-85.1756, 19.4957

255.0000, 0.0000,
0.0000

■ 229.8060,
-96.5324, 22.0951

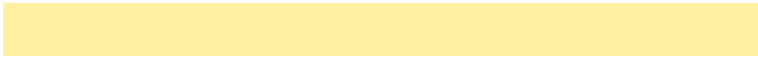
■ 226.9560,
-107.4523, 24.5946

■ 225.9300,
-111.3835, 25.4944

Harmonies

Analogous

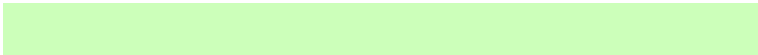
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.5930, -36.2813, 17.0199



244.3980, -40.6222, 9.2980



231.8850, -22.6213, -24.4551

Triad

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



244.3980, -40.6222, 9.2980



205.9640, 24.1747, -100.8234



232.6940, 10.9969, 19.5624

Complementary

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



244.3980, -40.6222, 9.2980



172.6020, 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.



239.7380, 7.5242, 13.3848



244.3980, -40.6222, 9.2980



224.8010, 14.8881, -62.0925

Square

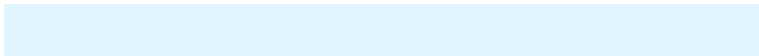
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.3980, -40.6222, 9.2980



207.1600, 23.5851, -98.3643



240.4590, 7.1687, -12.6805



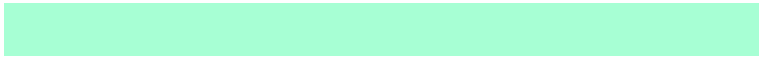
228.8010, -1.3809, 22.9765

Rectangle

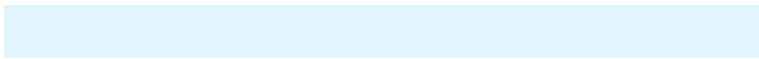
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.3980, -40.6222, 9.2980



223.7860, -5.8105, -49.8013



240.4590, 7.1687, -12.6805



234.4550, 10.1287, 18.0180

Sweetspot

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



244.3980, -40.6222, 9.2980



251.8080, -12.2303, 2.7994



189.8070, -13.7089, 57.1743



126.0620, -7.4256, 1.6996



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

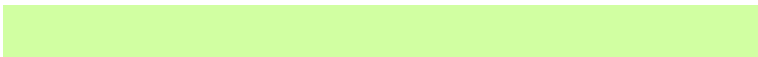
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.3980, -40.6222, 9.2980



242.2320, -48.9214, 11.1975



230.6440, -33.8415, -18.9818



126.5180, -5.6784, 1.2997



169.2260, -83.4284, 19.0958



56.7040, -27.9551, 6.3986

Inverse Universe

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



172.6020, 40.6222, -9.2980



155.7680, 48.9214, -11.1975



186.6550, 33.6941, 19.5966



116.4820, 5.6784, -1.2997



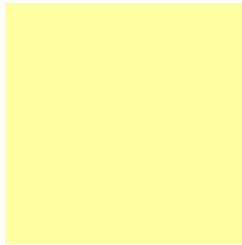
21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Previews

White Background



This preview shows how the YUV color 244.3980, -40.6222, 9.2980 looks on a white background.

Color Contrast Check

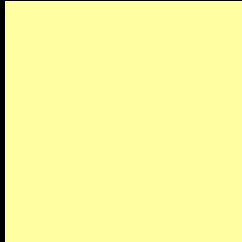
Large Text (above 18pt) WCAG AA × Fail

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 244.3980, -40.6222, 9.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

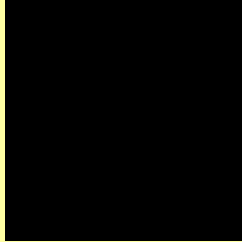
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 244.3980, -40.6222, 9.2980

Background



This preview shows how black text looks on a background with the YUV color 244.3980, -40.6222, 9.2980.



This preview shows how white text looks on a background with the YUV color 244.3980, -40.6222, 9.2980.

Color Blindness Simulation

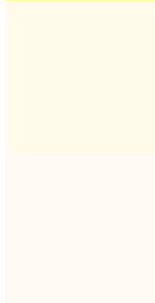
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

244.3980, -40.6222, 9.2980



Protanopia

249.5570, -8.1626, 4.7735

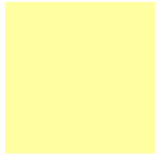
Deuteranopia

250.1100, -3.5052, 4.2885

Tritanopia

250.6630, 1.1521, 3.8035

Trichromacy



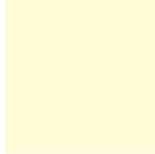
Original Color

244.3980, -40.6222, 9.2980



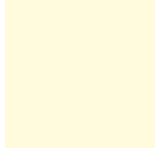
Protanomaly

247.7670, -20.0981, 6.3433



Deuteranomaly

247.9780, -16.7512, 6.1583



Tritanomaly

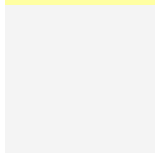
248.6620, -14.1304, 5.5584

Monochromacy



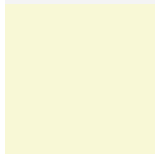
Original Color

244.3980, -40.6222, 9.2980



Achromatopsia

244.0000, 0.0000, 0.0000



Achromatomaly

244.1240, -14.8511, 3.3993

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.3980, -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(255, 255, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 162)  
}
```

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, 255, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 162) }
```

Border

The CSS property to change the border of an element to YUV 244.3980, -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(255, 255, 162) }
```


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

```
.border{ border-color:rgb(255, 255, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 244.3980, -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(255, 255, 162) }
```

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

```
.background{ background-color: rgb(255,  
255, 162) }
```

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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