

Converting Colors

YUV(244.7400, -39.3118,
8.9980)

Have a look what the booklet for
YUV(244.7400, -39.3118, 8.9980)
contains.

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Color

**YUV(244.7400, -39.3118,
8.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFFA5
RGB	255, 255, 165
RGB Percent	100%, 100%, 65%
CMY	0.0000, 0.0000, 0.3529
CMYK	0.00, 0.00, 0.35, 0.00
HSL	60°, 100%, 82%
HSV	60°, 35%, 100%
XYZ	83.7915, 95.4966, 49.6137
YIQ	244.7400, 28.8900, -27.9900

Conversions

Conversions Part 2

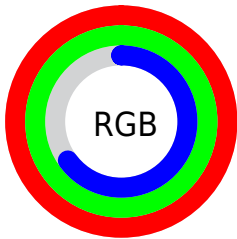
Format	Color
R _Y B	165, 255, 165
Decimal	16777125
CIE Lab	98.23, -12.95, 43.05
CIE LCh	98, 44.955, 106.742
Yxy	95.4966, 0.3661, 0.4172
Android (android.graphics.Color)	4294967205 (0xFFFFFFFFA5)
YUV	244.7400, -39.3118, 8.9980
Hunter-Lab	97.7224, -17.9603, 38.3041

Details

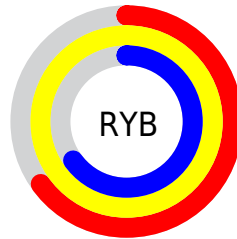
The YUV color **244.7400, -39.3118, 8.9980** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **175.2600, 39.3118, -8.9980**, and the grayscale version is **245.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.1240, -14.8511, 3.3993**, and **187.8970, -37.4172, 7.9833** is the 20% darker color. If you saturate the color by 10%, you get **241.8900, -50.2318, 11.4975**, and if you desaturate by 10%, it is **247.7040, -27.9551, 6.3986**.

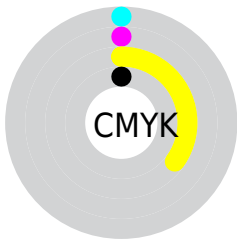
Distribution



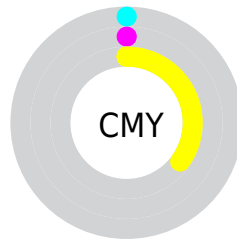
- Red (100%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 244.7400, -39.3118, 8.9980 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 244.7400, -39.3118, 8.9980 by changing the saturation by 10% instead.


 244.7400,
-39.3118, 8.9980

 244.7400,
-39.3118, 8.9980


255.0000, 0.0000,
0.0000

 215.9680,
-38.4382, 8.7981

 251.1240,
-14.8511, 3.3993


 187.8970,
-37.4172, 7.9833

 254.4300, -2.1840,
0.4999

 160.7120,
-36.8330, 7.2686

 134.5270,
-36.2488, 6.5538

 108.3420,
-35.6646, 5.8391

 82.5870, -37.2644,
5.6242

 60.8130, -29.9808,

2.7950

■ 40.4240, -19.9290,
-1.2488

■ 20.0240, -9.8718,
-7.0370

■ 244.7400,
-39.3118, 8.9980

■ 244.7400,
-39.3118, 8.9980

■ 241.8900,
-50.2318, 11.4975

■ 247.7040,
-27.9551, 6.3986

■ 238.9260,
-61.5885, 14.0969

■ 250.5540,
-17.0351, 3.8991

■ 236.0760,
-72.5085, 16.5963

■ 253.5180, -5.6784,
1.2997

■ 233.1120,
-83.8652, 19.1958

255.0000, 0.0000,
0.0000

■ 230.2620,
-94.7852, 21.6952

■ 227.2980,
-106.1419, 24.2947

■ 225.9300,
-111.3835, 25.4944

Harmonies

Analogous

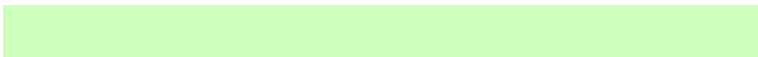
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.5220, -35.2603, 16.2052



244.7400, -39.3118, 8.9980



232.5260, -21.4583, -24.1403

Triad

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



244.7400, -39.3118, 8.9980



209.2530, 22.5533, -94.0609



233.8680, 10.4181, 18.5328

Complementary

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



244.7400, -39.3118, 8.9980



175.2600, 39.3118, -8.9980

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.



240.3250, 7.2348, 12.8700



244.7400, -39.3118, 8.9980



226.2960, 14.1511, -59.0186

Square

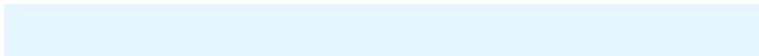
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.7400, -39.3118, 8.9980



209.8510, 22.2585, -92.8313



241.6440, 6.5845, -11.9658



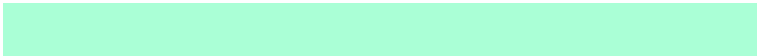
229.5020, -1.2335, 22.3617

Rectangle

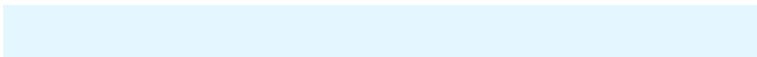
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.7400, -39.3118, 8.9980



224.9110, -5.3791, -48.1569



241.6440, 6.5845, -11.9658



235.6290, 9.5499, 16.9884

Sweetspot

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



244.7400, -39.3118, 8.9980



251.8080, -12.2303, 2.7994



191.9100, -13.2666, 55.3299



126.0620, -7.4256, 1.6996



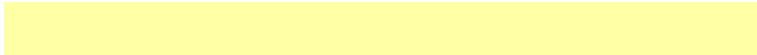
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

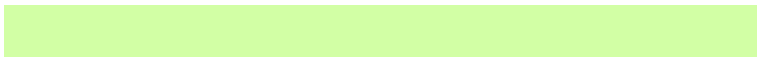
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.7400, -39.3118, 8.9980



242.8020, -46.7374, 10.6976



231.2850, -32.6785, -18.6669



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.



175.2600, 39.3118, -8.9980



160.1980, 46.7374, -10.6976



188.7150, 32.6785, 18.6669



116.4820, 5.6784, -1.2997



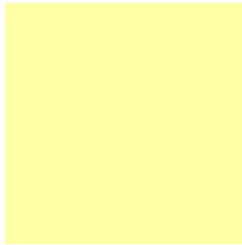
21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Previews

White Background



This preview shows how the YUV color 244.7400, -39.3118, 8.9980 looks on a white background.

Color Contrast Check

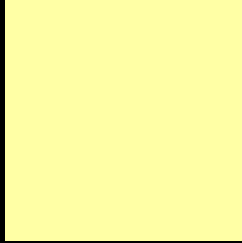
Large Text (above 18pt) WCAG AA × Fail

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 244.7400, -39.3118, 8.9980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

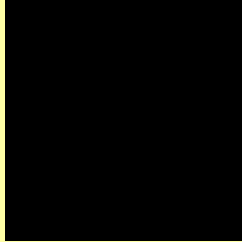
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 244.7400, -39.3118, 8.9980

Background



This preview shows how black text looks on a background with the YUV color 244.7400, -39.3118, 8.9980.



This preview shows how white text looks on a background with the YUV color 244.7400, -39.3118,

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

244.7400, -39.3118, 8.9980

Protanopia

249.5570, -8.1626, 4.7735

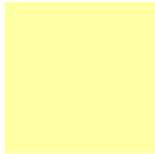
Deuteranopia

250.2240, -3.0684, 4.1886

Tritanopia

250.7770, 1.5889, 3.7036

Trichromacy



Original Color

244.7400, -39.3118, 8.9980



Protanomaly

247.8810, -19.6613, 6.2434



Deuteranomaly

248.0920, -16.3144, 6.0583



Tritanomaly

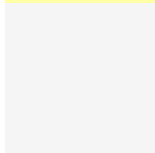
248.8900, -13.2568, 5.3585

Monochromacy



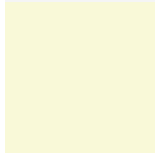
Original Color

244.7400, -39.3118, 8.9980



Achromatopsia

245.0000, 0.0000, 0.0000



Achromatomaly

245.2380, -14.4143, 3.2993

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.7400, -39.3118, 8.9980 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 165) }
```

Border

The CSS property to change the border of an element to YUV 244.7400, -39.3118, 8.9980 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, 165) }
```


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

```
.border{ border-color:rgb(255, 255, 165) }
```

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, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 244.7400, -39.3118, 8.9980 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, 165) }
```

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

```
.background{ background-color: rgb(255,  
255, 165) }
```

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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