

Converting Colors

YUV(244.1700, -41.4958,
9.4979)

Have a look what the booklet for
YUV(244.1700, -41.4958, 9.4979)
contains.

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Color

**YUV(244.1700, -41.4958,
9.4979)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFFA0 |
| RGB | 255, 255, 160 |
| RGB Percent | 100%, 100%, 63% |
| CMY | 0.0000, 0.0000, 0.3725 |
| CMYK | 0.00, 0.00, 0.37, 0.00 |
| HSL | 60°, 100%, 81% |
| HSV | 60°, 37%, 100% |
| XYZ | 83.3452, 95.3181, 47.2632 |
| YIQ | 244.1700, 30.4950, -29.5450 |

Conversions

Conversions Part 2

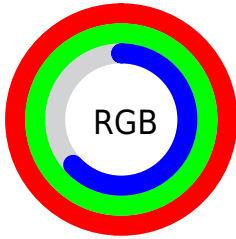
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 160, 255, 160 |
| Decimal | 16777120 |
| CIE Lab | 98.16, -13.50, 45.40 |
| CIE LCh | 98, 47.360, 106.557 |
| Yxy | 95.3181, 0.3689, 0.4219 |
| Android (android.graphics.Color) | 4294967200 (0xFFFFFFFFA0) |
| YUV | 244.1700, -41.4958, 9.4979 |
| Hunter-Lab | 97.6310, -18.4731, 39.6394 |

Details

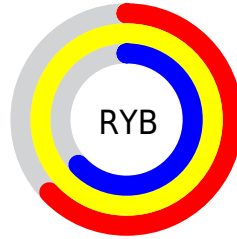
The YUV color $244.1700, -41.4958, 9.4979$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $170.8300, 41.4958, -9.4979$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5540, -17.0351, 3.8991$, and $187.3270, -39.6012, 8.4832$ is the 20% darker color. If you saturate the color by 10%, you get $241.2060, -52.8526, 12.0973$, and if you desaturate by 10%, it is $247.1340, -30.1391, 6.8985$.

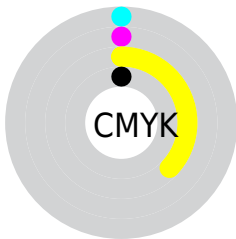
Distribution



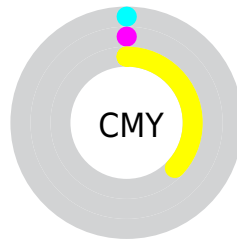
- Red (100%)
- Green (100%)
- Blue (63%)



- Red (63%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.1700, -41.4958, 9.4979 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 244.1700, -41.4958, 9.4979 by changing the saturation by 10% instead.

244.1700,
-41.4958, 9.4979

244.1700,
-41.4958, 9.4979

255.0000, 0.0000,
0.0000

215.3980,
-40.6222, 9.2980

250.5540,
-17.0351, 3.8991

187.3270,
-39.6012, 8.4832

253.8600, -4.3680,
0.9998

160.1420,
-39.0170, 7.7685

133.6580,
-38.2854, 6.4389

107.3590,
-38.1380, 5.8242

81.4900, -40.1746,
5.7093

60.5140, -29.8334,

2.1802

■ 40.1250, -19.7816,
-1.8636

■ 19.7250, -9.7244,
-7.6518

■ 244.1700,
-41.4958, 9.4979

■ 244.1700,
-41.4958, 9.4979

■ 241.2060,
-52.8526, 12.0973

■ 247.1340,
-30.1391, 6.8985

■ 238.3560,
-63.7725, 14.5968

■ 249.9840,
-19.2191, 4.3990

■ 235.5060,
-74.6925, 17.0962

■ 252.9480, -7.8624,
1.7996

■ 232.5420,
-86.0492, 19.6957

255.0000, 0.0000,
0.0000

■ 229.6920,
-96.9692, 22.1951

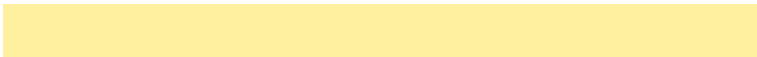
■ 226.7280,
-108.3259, 24.7945

■ 225.9300,
-111.3835, 25.4944

Harmonies

Analogous

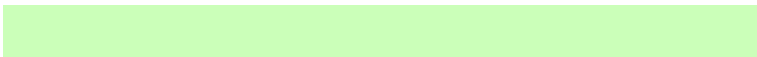
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.3650, -37.1549, 17.2199



244.1700, -41.4958, 9.4979



231.4720, -22.9107, -24.9699

Triad

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



244.1700, -41.4958, 9.4979



203.5720, 25.3540, -105.7416



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.



244.1700, -41.4958, 9.4979



170.8300, 41.4958, -9.4979

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



244.1700, -41.4958, 9.4979



223.6050, 15.4777, -64.5516

Square

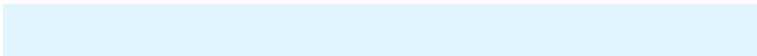
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.1700, -41.4958, 9.4979



205.3660, 24.4696, -102.0530



240.1600, 7.3161, -13.2953



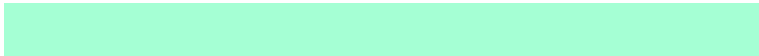
228.2140, -1.0915, 23.4913

Rectangle

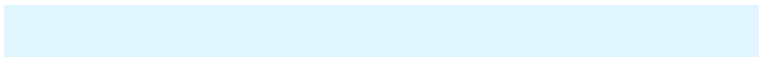
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.1700, -41.4958, 9.4979



223.1880, -5.5157, -51.0309



240.1600, 7.3161, -13.2953



234.4550, 10.1287, 18.0180

Sweetspot

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



244.1700, -41.4958, 9.4979



251.8080, -12.2303, 2.7994



188.4050, -14.0037, 58.4038



126.0620, -7.4256, 1.6996



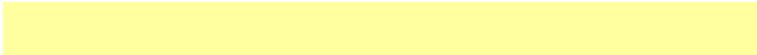
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

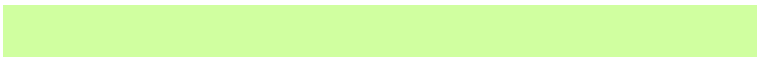
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.1700, -41.4958, 9.4979



241.8900, -50.2318, 11.4975



230.1170, -34.5677, -19.3966



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.



170.8300, 41.4958, -9.4979



153.1100, 50.2318, -11.4975



185.1820, 34.4203, 20.0114



116.4820, 5.6784, -1.2997



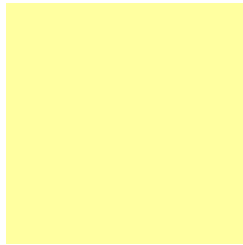
21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Previews

White Background



This preview shows how the YUV color 244.1700, -41.4958, 9.4979 looks on a white background.

Color Contrast Check

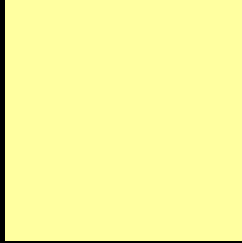
Large Text (above 18pt) WCAG AA × Fail

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 244.1700, -41.4958, 9.4979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

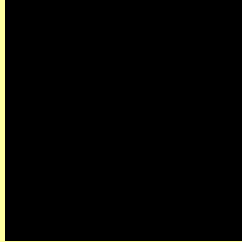
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 244.1700, -41.4958, 9.4979

Background



This preview shows how black text looks on a background with the YUV color 244.1700, -41.4958, 9.4979.



This preview shows how white text looks on a background with the YUV color 244.1700, -41.4958, 9.4979.

Color Blindness Simulation

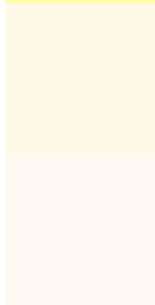
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

244.1700, -41.4958, 9.4979



Protanopia

249.4430, -8.5994, 4.8735

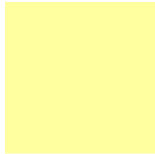
Deuteranopia

250.1100, -3.5052, 4.2885

Tritanopia

250.6630, 1.1521, 3.8035

Trichromacy



Original Color

244.1700, -41.4958, 9.4979



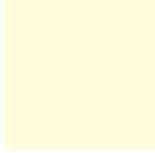
Protanomaly

247.6530, -20.5349, 6.4433



Deuteranomaly

247.8640, -17.1880, 6.2583



Tritanomaly

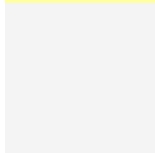
248.5480, -14.5672, 5.6584

Monochromacy



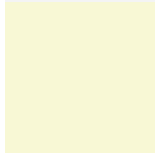
Original Color

244.1700, -41.4958, 9.4979



Achromatopsia

244.0000, 0.0000, 0.0000



Achromatomaly

244.0100, -15.2879, 3.4992

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.1700, -41.4958, 9.4979 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 160) }
```

Border

The CSS property to change the border of an element to YUV 244.1700, -41.4958, 9.4979 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, 160) }
```


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

```
.border{ border-color:rgb(255, 255, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 244.1700, -41.4958, 9.4979 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, 160) }
```

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

```
.background{ background-color: rgb(255,  
255, 160) }
```

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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