

Converting Colors

YUV(199.2350, 27.4921,
48.9059)

Have a look what the booklet for
YUV(199.2350, 27.4921, 48.9059)
contains.

YUV(199.2350, 27.4921, 48.9059)	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(199.2350, 27.4921,
48.9059)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA0FF
RGB	255, 160, 255
RGB Percent	100%, 63%, 100%
CMY	0.0000, 0.3725, 0.0000
CMYK	0.00, 0.37, 0.00, 0.00
HSL	300°, 100%, 81%
HSV	300°, 37%, 100%
XYZ	71.8608, 53.6216, 101.1703
YIQ	199.2350, 26.1250, 49.6850

Conversions

Conversions Part 2

Format	Color
RYB	255, 160, 255
Decimal	16752895
CIELab	78.24, 49.29, -32.68
CIElCh	78, 59.138, 326.457
Yxy	53.6216, 0.3171, 0.2366
Android (android.graphics.Color)	4294942975 (0xFFFFA0FF)
YUV	199.2350, 27.4921, 48.9059
Hunter-Lab	73.2268, 47.0234, -30.6564

Details

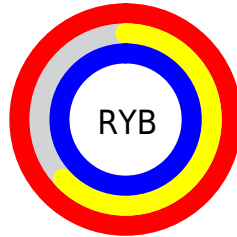
The YUV color **199.2350, 27.4921, 48.9059** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **215.7650, -27.4921, -48.9059**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1070, 11.2862, 20.0772**, and **143.6970, 26.7714, 46.7467** is the 20% darker color. If you saturate the color by 10%, you get **183.9730, 35.0163, 62.2907**, and if you desaturate by 10%, it is **214.4970, 19.9680, 35.5211**.

Distribution



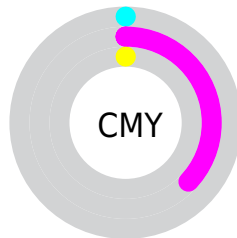
- Red (100%)
- Green (63%)
- Blue (100%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the YUV color 199.2350, 27.4921, 48.9059 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 199.2350, 27.4921, 48.9059 by changing the saturation by 10% instead.

 199.2350, 27.4921,
48.9059


 199.2350, 27.4921,
48.9059

255.0000, 0.0000,
0.0000


 171.4090, 26.9134,
47.8763


 232.1070, 11.2862,
20.0772


 143.6970, 26.7714,
46.7467

 249.1300, 2.8939,
5.1480

 116.6860, 26.7768,
45.0024

 89.6860, 26.7768,
45.0024

 62.2130, 27.5030,
45.4172

 36.6150, 27.7978,
44.1876

 26.4040, 20.9998,

31.2177

■ 16.9050, 14.3438,
19.3773

■ 3.3230, 10.1938,
-2.9143

■ 199.2350, 27.4921,
48.9059

■ 199.2350, 27.4921,
48.9059

■ 183.9730, 35.0163,
62.2907

■ 214.4970, 19.9680,
35.5211

■ 169.2980, 42.2511,
75.1607

■ 229.1720, 12.7332,
22.6512

■ 154.6230, 49.4859,
88.0306

■ 244.4340, 5.2090,
9.2664

■ 139.3610, 57.0100,
101.4154

■ 255.0000, 0.0000,
0.0000

■ 124.6860, 64.2448,
114.2854

■ 109.4240, 71.7690,
127.6702

■ 105.3150, 73.7947,
131.2737

Harmonies

Analogous

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



191.5180, 31.2966, -4.8393



199.2350, 27.4921, 48.9059



185.5620, 8.1039, 60.8971

Triad

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



199.2350, 27.4921, 48.9059



188.4310, -53.9495, 37.3330



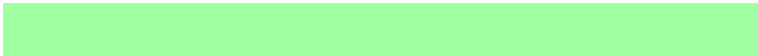
156.6140, 41.6023, -137.3505

Complementary

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



199.2350, 27.4921, 48.9059



215.7650, -27.4921, -48.9059

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.



150.8170, 16.8522, -132.2665



199.2350, 27.4921, 48.9059



183.5180, -46.1044, -5.7163

Square

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



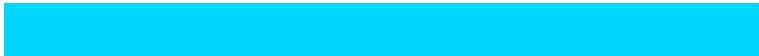
199.2350, 27.4921, 48.9059



186.6030, -41.2163, 59.9842



173.6050, -21.4973, -58.4126



154.6880, 49.4538, -135.6614

Rectangle

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



199.2350, 27.4921, 48.9059



181.3440, -8.0576, 64.5963



173.6050, -21.4973, -58.4126



155.1490, 33.4505, -136.0657

Sweetspot

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



199.2350, 27.4921, 48.9059



238.5640, 8.1029, 14.4144



170.8300, 41.4958, -9.4979



118.0210, 4.9196, 8.7516



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.



199.2350, 27.4921, 48.9059



187.4950, 33.2800, 59.2019



193.8770, 6.9626, 53.6049



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

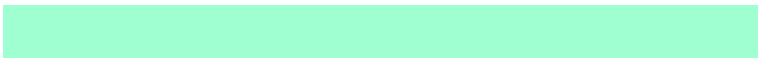
The Inverse Universe completely reimagines the original color for something new.



199.2350, 27.4921, 48.9059



187.4950, 33.2800, 59.2019



221.2370, -6.5258, -53.7048



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 199.2350, 27.4921, 48.9059 looks on a white background.

Color Contrast Check

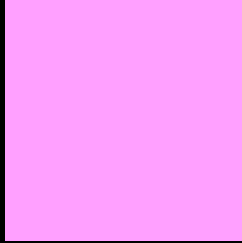
Large Text (above 18pt) WCAG AA × Fail

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 199.2350, 27.4921, 48.9059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

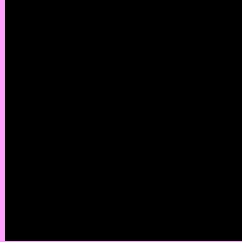
Any Text WCAG AA ✓ Pass

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 199.2350, 27.4921, 48.9059 Background



This preview shows how black text looks on a background with the YUV color 199.2350, 27.4921, 48.9059.



This preview shows how white text looks on a background with the YUV color 199.2350, 27.4921,

48.9059.

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

199.2350, 27.4921, 48.9059

Protanopia

194.0990, 30.0242, -16.7498

Deuteranopia

194.6330, 26.8029, -10.2021



Tritanopia

197.0100, -4.9349, 42.9642

Trichromacy



Original Color

199.2350, 27.4921, 48.9059



Protanomaly

195.7260, 29.2221, 7.2563



Deuteranomaly

196.1780, 27.0272, 11.2449



Tritanomaly

197.8220, 6.9898, 44.8831

Monochromacy



Original Color

199.2350, 27.4921, 48.9059



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

199.0420, 9.8393, 17.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.2350, 27.4921, 48.9059 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, 160, 255)` looks like.

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

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, 160, 255) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 199.2350, 27.4921, 48.9059 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, 160, 255) }
```


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

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

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

Here you see how a box with a 4 pixel `rgb(255, 160, 255)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YUV 199.2350, 27.4921, 48.9059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 255) }
```

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

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

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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