

Converting Colors

YUV(191.2790, 27.4705,
55.8833)

Have a look what the booklet for
YUV(191.2790, 27.4705, 55.8833)
contains.

YUV(191.2790, 27.4705, 55.8833)	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(191.2790, 27.4705,
55.8833)**

Conversions

Conversions Part 1

Format	Color
Hex	FF94F7
RGB	255, 148, 247
RGB Percent	100%, 58%, 97%
CMY	0.0000, 0.4196, 0.0314
CMYK	0.00, 0.42, 0.03, 0.00
HSL	304°, 100%, 79%
HSV	304°, 42%, 100%
XYZ	68.6184, 49.1552, 93.8670
YIQ	191.2790, 31.9930, 53.4730

Conversions

Conversions Part 2

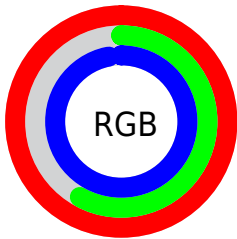
Format	Color
R _Y B	255, 148, 247
Decimal	16749815
CIE Lab	75.55, 53.94, -32.51
CIE LCh	76, 62.978, 328.925
Yxy	49.1552, 0.3242, 0.2323
Android (android.graphics.Color)	4294939895 (0xFFFF94F7)
YUV	191.2790, 27.4705, 55.8833
Hunter-Lab	70.1108, 52.0066, -30.3022

Details

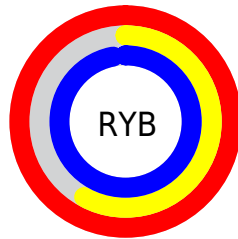
The YUV color **191.2790, 27.4705, 55.8833** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **211.7210, -27.4705, -55.8833**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.0630, 14.7589, 26.2547**, and **135.4420, 26.8971, 53.1094** is the 20% darker color. If you saturate the color by 10%, you get **176.3760, 33.8316, 68.9532**, and if you desaturate by 10%, it is **206.7690, 20.8199, 42.2986**.

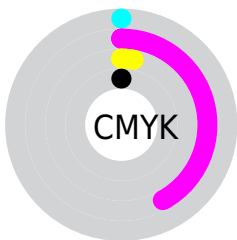
Distribution



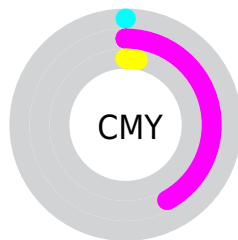
- Red (100%)
- Green (58%)
- Blue (97%)



- Red (100%)
- Yellow (58%)
- Blue (97%)



- Cyan (0%)
- Magenta (42%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 191.2790, 27.4705, 55.8833 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 191.2790, 27.4705, 55.8833 by changing the saturation by 10% instead.


 191.2790, 27.4705,
55.8833

 191.2790, 27.4705,
55.8833


255.0000, 0.0000,
0.0000


 163.1540, 27.0391,
54.2389


 225.0630, 14.7589,
26.2547


 135.4420, 26.8971,
53.1094

 242.0860, 6.3666,
11.3256

 108.1430, 27.0445,
52.4946

 79.7840, 28.2075,
52.8094

 46.4410, 31.8276,
58.3722

 35.5180, 24.8876,
44.2727

 25.0080, 18.2371,

30.6880

■ 15.3240, 12.1653,
18.1329

■ 2.5250, 7.1362,
-2.2144

■ 191.2790, 27.4705,
55.8833

■ 191.2790, 27.4705,
55.8833

■ 176.3760, 33.8316,
68.9532

■ 206.7690, 20.8199,
42.2986

■ 160.8860, 40.4822,
82.5380

■ 221.6720, 14.4587,
29.2287

■ 145.9830, 46.8434,
95.6079

■ 237.1620, 7.8081,
15.6439

■ 130.4930, 53.4940,
109.1926

■ 252.0650, 1.4470,
2.5740

■ 115.5900, 59.8551, 255.0000, 0.0000,
122.2626 0.0000

■ 103.1490, 65.4955,
133.1733

Harmonies

Analogous

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



185.0500, 34.4854, -0.9208



191.2790, 27.4705, 55.8833



176.6770, 7.0612, 68.6893

Triad

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



191.2790, 27.4705, 55.8833



179.6820, -58.0172, 35.3589



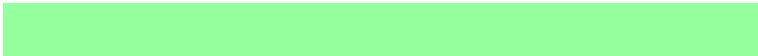
153.0920, 43.3386, -134.2617

Complementary

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



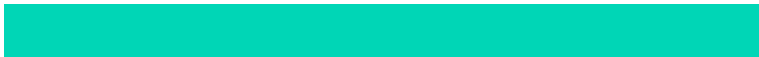
191.2790, 27.4705, 55.8833



211.7210, -27.4705, -55.8833

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.



146.3660, 17.5676, -128.3630



191.2790, 27.4705, 55.8833



174.1430, -47.3985, -10.6494

Square

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



191.2790, 27.4705, 55.8833



180.5560, -46.6161, 65.2874



161.8100, -19.1333, -69.9934



150.5790, 51.4796, -132.0578

Rectangle

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



191.2790, 27.4705, 55.8833



173.4050, -10.5527, 71.5588



161.8100, -19.1333, -69.9934



151.5130, 34.7501, -132.8769

Sweetspot

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



191.2790, 27.4705, 55.8833



235.4010, 8.6763, 17.1883



162.2910, 45.7055, -6.3942



115.4450, 5.2036, 11.0107



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.



191.2790, 27.4705, 55.8833



179.3110, 32.3847, 66.3793



185.2370, 4.3202, 61.1822



120.2550, 3.3253, 6.7924



77.2870, 49.1585, 99.7263



25.8620, 16.3370, 33.4470

Inverse Universe

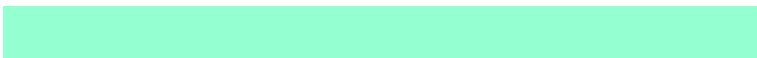
The Inverse Universe completely reimagines the original color for something new.



191.2790, 27.4705, 55.8833



179.3110, 32.3847, 66.3793



217.7630, -4.3202, -61.1822



120.2550, 3.3253, 6.7924



77.2870, 49.1585, 99.7263



25.8620, 16.3370, 33.4470

Previews

White Background



This preview shows how the YUV color 191.2790, 27.4705, 55.8833 looks on a white background.

Color Contrast Check

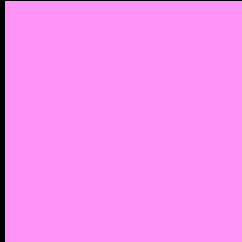
Large Text (above 18pt) WCAG AA × Fail

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 191.2790, 27.4705, 55.8833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

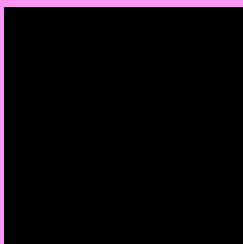
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.2790, 27.4705, 55.8833

Background



This preview shows how black text looks on a background with the YUV color 191.2790, 27.4705, 55.8833.



This preview shows how white text looks on a background with the YUV color 191.2790, 27.4705,

55.8833.

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

191.2790, 27.4705, 55.8833

Protanopia

186.4130, 33.8134, -18.7792

Deuteranopia

187.5190, 26.3661, -10.1022



Tritanopia

189.2990, -6.5564, 49.7268

Trichromacy



Original Color

191.2790, 27.4705, 55.8833



Protanomaly

188.3070, 31.4006, 8.5008



Deuteranomaly

188.7870, 26.7270, 14.2188



Tritanomaly

190.2250, 5.8051, 51.5457

Monochromacy



Original Color

191.2790, 27.4705, 55.8833



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

190.7650, 9.9759, 20.3771

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.2790, 27.4705, 55.8833 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, 148, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 247)  
}
```

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, 148, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 247) }
```

Border

The CSS property to change the border of an element to YUV 191.2790, 27.4705, 55.8833 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, 148, 247) }
```


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

```
.border{ border-color:rgb(255, 148, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 148, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 148, 247); box-shadow:4px 4px 4px 4px rgb(255, 148, 247) }
```

Background

The CSS property to change the background color of an element to YUV 191.2790, 27.4705, 55.8833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 247) }
```

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

```
.background{ background-color: rgb(255,  
148, 247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor