

Converting Colors

YUV(191.8810, 31.1177,
52.7244)

Have a look what the booklet for
YUV(191.8810, 31.1177, 52.7244)
contains.

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Color

**YUV(191.8810, 31.1177,
52.7244)**

Conversions

Conversions Part 1

Format	Color
Hex	FC95FF
RGB	252, 149, 255
RGB Percent	99%, 58%, 100%
CMY	0.0118, 0.4157, 0.0000
CMYK	0.01, 0.42, 0.00, 0.00
HSL	298°, 100%, 79%
HSV	298°, 42%, 100%
XYZ	68.9423, 49.4103, 100.5112
YIQ	191.8810, 27.3620, 54.8020

Conversions

Conversions Part 2

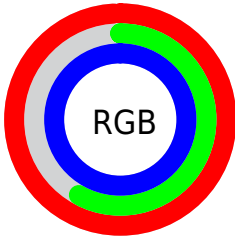
Format	Color
R_{YB}	252, 149, 255
Decimal	16553471
CIE _{Lab}	75.71, 53.96, -36.62
CIE _{LCh}	76, 65.218, 325.837
Yxy	49.4103, 0.3150, 0.2258
Android (android.graphics.Color)	4294743551 (0xFFFC95FF)
YUV	191.8810, 31.1177, 52.7244
Hunter-Lab	70.2925, 52.0596, -35.5740

Details

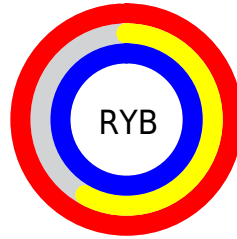
The YUV color **191.8810, 31.1177, 52.7244** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **212.1190, -31.1177, -52.7244**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6500, 14.4696, 25.7400**, and **136.3430, 30.3969, 50.5652** is the 20% darker color. If you saturate the color by 10%, you get **176.9070, 38.4998, 64.9796**, and if you desaturate by 10%, it is **207.4420, 23.4461, 39.9544**.

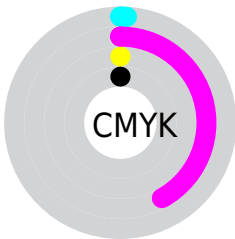
Distribution



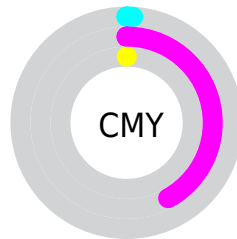
- Red (99%)
- Green (58%)
- Blue (100%)



- Red (99%)
- Yellow (58%)
- Blue (100%)



- Cyan (1%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 191.8810, 31.1177, 52.7244 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 191.8810, 31.1177, 52.7244 by changing the saturation by 10% instead.


 191.8810, 31.1177,
52.7244

 191.8810, 31.1177,
52.7244


255.0000, 0.0000,
0.0000


 163.7560, 30.6863,
51.0800


 225.6500, 14.4696,
25.7400


 136.3430, 30.3969,
50.5652

 242.6730, 6.0772,
10.8108

 108.6310, 30.2549,
49.4356

 80.8590, 31.1285,
49.2357

 46.9290, 35.0380,
55.3133

 35.6040, 27.8032,
42.4433

 25.0940, 21.1527,

28.8586

■ 15.4100, 15.0809,
16.3034

■ 3.3230, 10.1938,
-2.9143

■ 191.8810, 31.1177,
52.7244

■ 191.8810, 31.1177,
52.7244

■ 176.9070, 38.4998,
64.9796

■ 207.4420, 23.4461,
39.9544

■ 161.6450, 46.0240,
78.3643

■ 222.1170, 16.2113,
27.0844

■ 146.6710, 53.4062,
90.6195

■ 237.6780, 8.5397,
14.3144

■ 131.1100, 61.0778,
103.3895

■ 252.6520, 1.1576,
2.0592

■ 116.1360, 68.4600, 255.0000, 0.0000,
115.6447 0.0000

■ 103.2220, 74.8266,
126.9703

Harmonies

Analogous

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



183.2340, 35.3806, -8.0982



191.8810, 31.1177, 52.7244



176.3010, 10.6976, 69.0190

Triad

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



191.8810, 31.1177, 52.7244



180.4330, -60.3595, 39.9623



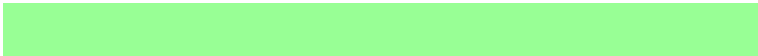
153.2230, 41.3021, -134.3766

Complementary

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



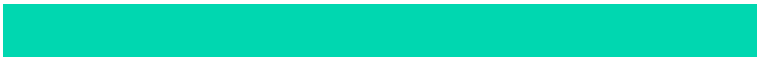
191.8810, 31.1177, 52.7244



212.1190, -31.1177, -52.7244

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.



146.2690, 14.6574, -128.2779



191.8810, 31.1177, 52.7244



175.0250, -51.7773, -6.1609

Square

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



191.8810, 31.1177, 52.7244



178.9090, -45.3111, 66.7318



162.8060, -23.0754, -65.6049



151.7530, 50.9008, -133.0874

Rectangle

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



191.8810, 31.1177, 52.7244



172.2140, -7.5005, 72.6033



162.8060, -23.0754, -65.6049



151.6440, 32.7135, -132.9918

Sweetspot

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



191.8810, 31.1177, 52.7244



236.5040, 9.1185, 15.3440



163.4320, 45.1430, -12.6569



117.1350, 5.3564, 8.6516



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.



191.8810, 31.1177, 52.7244



179.2550, 37.3423, 62.9204



187.1920, 9.2723, 59.4676



120.0700, 3.9095, 6.0776



77.3880, 56.0107, 95.2527



25.8340, 18.8158, 31.7176

Inverse Universe

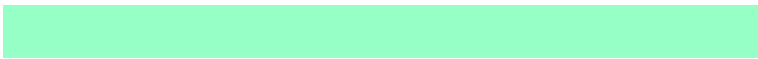
The Inverse Universe completely reimagines the original color for something new.



181.0360, -14.3147, 64.8664



166.3150, -17.4103, 77.7767



216.8080, -9.2723, -59.4676



118.8870, -1.9163, 7.9921



57.6790, -25.9707, 116.9225



19.3640, -8.5605, 39.1458

Previews

White Background



This preview shows how the YUV color 191.8810, 31.1177, 52.7244 looks on a white background.

Color Contrast Check

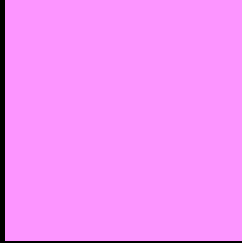
Large Text (above 18pt) WCAG AA × Fail

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 191.8810, 31.1177, 52.7244 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 191.8810, 31.1177, 52.7244 Background



This preview shows how black text looks on a background with the YUV color 191.8810, 31.1177, 52.7244.



This preview shows how white text looks on a background with the YUV color 191.8810, 31.1177,

52.7244.

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

191.8810, 31.1177, 52.7244

Protanopia

187.0000, 33.5240, -19.2940

Deuteranopia

187.5230, 30.3082, -14.4907



Tritanopia

190.0920, -5.9614, 45.5233

Trichromacy



Original Color

191.8810, 31.1177, 52.7244



Protanomaly

188.9370, 32.5691, 7.0713



Deuteranomaly

188.7910, 30.6690, 9.8303

Tritanomaly

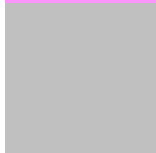
190.9580, 7.4157, 48.2718

Monochromacy



Original Color

191.8810, 31.1177, 52.7244



Achromatopsia

192.0000, 0.0000, 0.0000



Achromatomaly

191.8080, 11.4337, 19.4624

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.8810, 31.1177, 52.7244 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(252, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 149, 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(252, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 149, 255) }
```

Border

The CSS property to change the border of an element to YUV 191.8810, 31.1177, 52.7244 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(252, 149, 255) }
```


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

```
.border{ border-color:rgb(252, 149, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 149,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 191.8810, 31.1177, 52.7244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 149, 255) }
```

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

```
.background{ background-color: rgb(252,  
149, 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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