

Converting Colors

YUV(195.9920, 22.6819,
51.7500)

Have a look what the booklet for
YUV(195.9920, 22.6819, 51.7500)
contains.

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Color

**YUV(195.9920, 22.6819,
51.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9DF2
RGB	255, 157, 242
RGB Percent	100%, 62%, 95%
CMY	0.0000, 0.3843, 0.0510
CMYK	0.00, 0.38, 0.05, 0.00
HSL	308°, 100%, 81%
HSV	308°, 38%, 100%
XYZ	69.3240, 51.7847, 90.3461
YIQ	195.9920, 31.1230, 47.2110

Conversions

Conversions Part 2

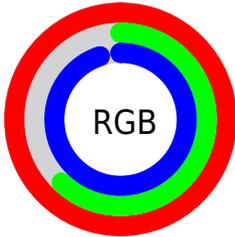
Format	Color
R _Y B	255, 157, 242
Decimal	16752114
CIE Lab	77.15, 48.56, -27.33
CIE LCh	77, 55.721, 330.627
Yxy	51.7847, 0.3278, 0.2449
Android (android.graphics.Color)	4294942194 (0xFFFF9DF2)
YUV	195.9920, 22.6819, 51.7500
Hunter-Lab	71.9616, 46.0245, -24.0640

Details

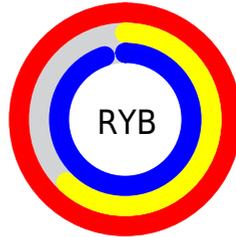
The YUV color **195.9920, 22.6819, 51.7500** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **216.0080, -22.6819, -51.7500**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3460, 12.1544, 21.6216**, and **140.5680, 22.3980, 49.4909** is the 20% darker color. If you saturate the color by 10%, you get **180.9750, 28.6063, 64.9199**, and if you desaturate by 10%, it is **211.5960, 16.4682, 38.0653**.

Distribution



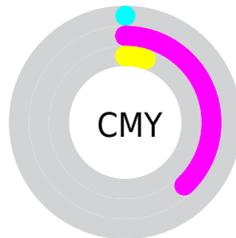
- Red (100%)
- Green (62%)
- Blue (95%)



- Red (100%)
- Yellow (62%)
- Blue (95%)



- Cyan (0%)
- Magenta (38%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (38%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.9920, 22.6819, 51.7500 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 195.9920, 22.6819, 51.7500 by changing the saturation by 10% instead.

 195.9920, 22.6819,
51.7500

 195.9920, 22.6819,
51.7500

255.0000, 0.0000,
0.0000

 168.2800, 22.5400,
50.6204

 230.3460, 12.1544,
21.6216

 140.5680, 22.3980,
49.4909

 247.3690, 3.7621,
6.6924

 113.5570, 22.4034,
47.7465

 86.5570, 22.4034,
47.7465

 58.6110, 23.8558,
48.5762

 35.3610, 22.9930,
45.2874

 25.2640, 16.6318,

32.2175

■ 15.8790, 10.4127,
20.2771

■ 1.3680, 5.2416,
-1.1997

■ 195.9920, 22.6819,
51.7500

■ 195.9920, 22.6819,
51.7500

■ 180.9750, 28.6063,
64.9199

■ 211.5960, 16.4682,
38.0653

■ 165.2570, 34.3833,
78.7046

■ 226.7270, 10.9806,
24.7954

■ 150.2400, 40.3077,
91.8745

■ 242.3310, 4.7668,
11.1107

■ 134.5220, 46.0847,
105.6592

■ 255.0000, 0.0000,
0.0000

■ 118.9180, 52.2984,
119.3439

■ 103.9010, 58.2228,
132.5138

■ 101.4390, 58.9436,
134.6730

Harmonies

Analogous

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



191.2740, 31.4169, 3.2677



195.9920, 22.6819, 51.7500



184.4220, 3.7360, 61.8969

Triad

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



195.9920, 22.6819, 51.7500



185.7120, -50.1440, 30.0706



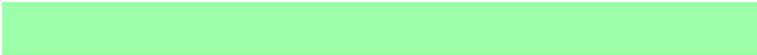
154.3800, 43.1967, -135.3913

Complementary

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



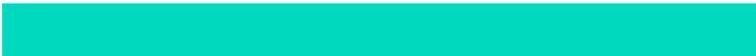
195.9920, 22.6819, 51.7500



216.0080, -22.6819, -51.7500

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.



149.0390, 20.1938, -130.7072



195.9920, 22.6819, 51.7500



180.2660, -40.5571, -11.6343

Square

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



195.9920, 22.6819, 51.7500



186.9620, -42.3793, 59.6693



170.0760, -15.8135, -61.4567



151.7530, 50.9008, -133.0874

Rectangle

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



195.9920, 22.6819, 51.7500



181.6060, -12.1308, 64.3665



170.0760, -15.8135, -61.4567



153.0290, 35.4817, -134.2064

Sweetspot

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



195.9920, 22.6819, 51.7500



236.3470, 7.2239, 16.3587



171.4610, 41.1847, -3.0353



117.0920, 3.8986, 9.5663



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.



195.9920, 22.6819, 51.7500



184.4970, 26.8700, 61.8311



190.6340, 2.1524, 56.4490



120.1410, 2.8885, 6.8923



76.0330, 44.3537, 100.8261



25.4060, 14.5898, 33.8469

Inverse Universe

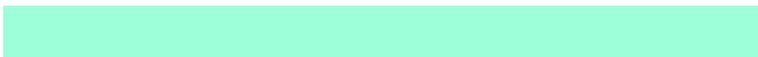
The Inverse Universe completely reimagines the original color for something new.



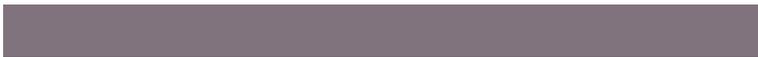
195.9920, 22.6819, 51.7500



184.4970, 26.8700, 61.8311



221.3660, -2.1524, -56.4490



120.1410, 2.8885, 6.8923



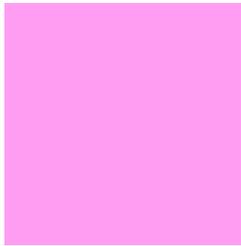
76.0330, 44.3537, 100.8261



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 195.9920, 22.6819, 51.7500 looks on a white background.

Color Contrast Check

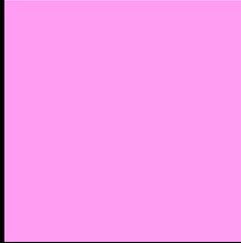
Large Text (above 18pt) WCAG AA × Fail

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 195.9920, 22.6819, 51.7500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

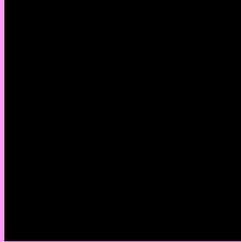
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.9920, 22.6819, 51.7500

Background



This preview shows how black text looks on a background with the YUV color 195.9920, 22.6819, 51.7500.



This preview shows how white text looks on a background with the YUV color 195.9920, 22.6819,

51.7500.

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

195.9920, 22.6819, 51.7500

Protanopia

191.4410, 31.3346, -17.0498

Deuteranopia

192.4010, 21.9873, -5.6137



Tritanopia

194.1030, -5.9668, 47.2677

Trichromacy



Original Color

195.9920, 22.6819, 51.7500



Protanomaly

192.7970, 28.2011, 8.0710



Deuteranomaly

193.6470, 22.3590, 15.2186



Tritanomaly

195.1600, 4.3581, 48.9717

Monochromacy



Original Color

195.9920, 22.6819, 51.7500



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

195.9990, 8.3815, 18.4179

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.9920, 22.6819, 51.7500 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, 157, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 242)  
}
```

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, 157, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 242) }
```

Border

The CSS property to change the border of an element to YUV 195.9920, 22.6819, 51.7500 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, 157, 242) }
```

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

```
.border{ border-color:rgb(255, 157, 242) }
```

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

Here you see how a box with a 4 pixel rgb(255, 157, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 195.9920, 22.6819, 51.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 242) }
```

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

```
.background{ background-color: rgb(255,  
157, 242) }
```

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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