

Converting Colors

YUV(195.0950, 23.1242,
49.9057)

Have a look what the booklet for
YUV(195.0950, 23.1242, 49.9057)
contains.

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Color

**YUV(195.0950, 23.1242,
49.9057)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9DF2
RGB	252, 157, 242
RGB Percent	99%, 62%, 95%
CMY	0.0118, 0.3843, 0.0510
CMYK	0.00, 0.38, 0.04, 0.01
HSL	306°, 94%, 80%
HSV	306°, 38%, 99%
XYZ	68.2289, 51.2202, 90.2948
YIQ	195.0950, 29.3350, 46.5750

Conversions

Conversions Part 2

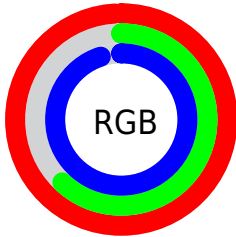
Format	Color
R _{YB}	252, 157, 242
Decimal	16555506
CIE Lab	76.81, 47.64, -27.88
CIE LCh	77, 55.199, 329.662
Yxy	51.2202, 0.3253, 0.2442
Android (android.graphics.Color)	4294745586 (0xFFFC9DF2)
YUV	195.0950, 23.1242, 49.9057
Hunter-Lab	71.5683, 44.9266, -24.7060

Details

The YUV color **195.0950, 23.1242, 49.9057** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **213.9050, -23.1242, -49.9057**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3460, 12.1544, 21.6216**, and **139.6710, 22.8402, 47.6465** is the 20% darker color. If you saturate the color by 10%, you get **180.0780, 29.0485, 63.0756**, and if you desaturate by 10%, it is **210.1120, 17.1998, 36.7358**.

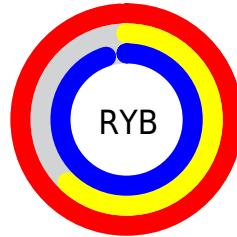
Distribution



Red (99%)

Green (62%)

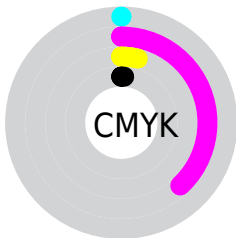
Blue (95%)



Red (99%)

Yellow (62%)

Blue (95%)

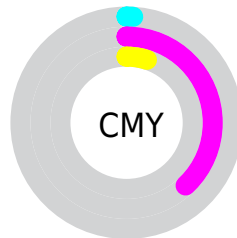


Cyan (0%)

Magenta (38%)

Yellow (4%)

Black (1%)



Cyan (1%)


Magenta (38%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 195.0950, 23.1242, 49.9057 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 195.0950, 23.1242, 49.9057 by changing the saturation by 10% instead.


 195.0950, 23.1242,
49.9057


 195.0950, 23.1242,
49.9057


255.0000, 0.0000,
0.0000


 167.2690, 22.5454,
48.8761


 230.3460, 12.1544,
21.6216


 139.6710, 22.8402,
47.6465

 247.3690, 3.7621,
6.6924

 112.9590, 22.6982,
46.5170

 86.2470, 22.5562,
45.3874

 58.3010, 24.0086,
46.2170

 34.7630, 23.2878,
44.0578

 24.3670, 17.0741,

30.3731

■ 15.2810, 10.7075,
19.0476

■ 1.3680, 5.2416,
-1.1997

■ 195.0950, 23.1242,
49.9057

■ 195.0950, 23.1242,
49.9057

■ 180.0780, 29.0485,
63.0756

■ 210.1120, 17.1998,
36.7358

■ 165.1750, 35.4097,
76.1455

■ 225.0150, 10.8386,
23.6658

■ 149.5710, 41.6235,
89.8302

■ 240.6190, 4.6248,
9.9811

■ 134.5540, 47.5479,
103.0001

■ 253.8750, -0.4314,
-1.6444

■ 119.6510, 53.9091, 254.1030, 0.4422,
116.0701 -1.8443

■ 104.6340, 59.8334,
129.2400

■ 100.9980, 61.1330,
132.4288

Harmonies

Analogous

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



189.7900, 32.1485, 1.9382



195.0950, 23.1242, 49.9057



183.8350, 4.0253, 62.4117

Triad

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



195.0950, 23.1242, 49.9057



185.1250, -49.8546, 30.5854



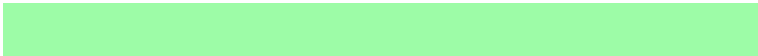
153.4510, 42.1757, -134.5765

Complementary

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



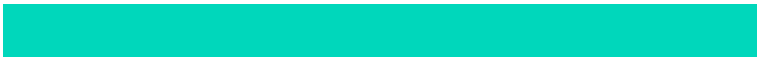
195.0950, 23.1242, 49.9057



213.9050, -23.1242, -49.9057

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.



147.5230, 19.4622, -129.3777



195.0950, 23.1242, 49.9057



179.2770, -40.5626, -9.8899

Square

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



195.0950, 23.1242, 49.9057



186.4890, -41.6531, 60.0841



170.1580, -16.8399, -58.8976



151.1660, 51.1902, -132.5726

Rectangle

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



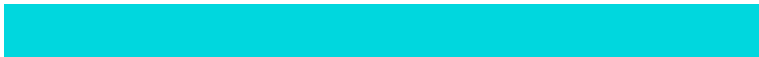
195.0950, 23.1242, 49.9057



181.1330, -11.4046, 64.7814



170.1580, -16.8399, -58.8976



151.5130, 34.7501, -132.8769

Sweetspot

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



195.0950, 23.1242, 49.9057



238.2220, 6.7926, 14.7143



170.5210, 40.1691, -3.9649



117.7930, 4.0461, 8.9515



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.



195.0950, 23.1242, 49.9057



186.1270, 28.0384, 60.4016



189.7370, 2.5947, 54.6047



117.2550, 3.3253, 6.7924



75.7770, 45.9589, 99.2966



24.5090, 15.0321, 32.0026

Inverse Universe

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



195.0950, 23.1242, 49.9057



186.1270, 28.0384, 60.4016



219.2630, -2.5947, -54.6047



117.2550, 3.3253, 6.7924



75.7770, 45.9589, 99.2966



24.5090, 15.0321, 32.0026

Previews

White Background



This preview shows how the YUV color 195.0950, 23.1242, 49.9057 looks on a white background.

Color Contrast Check

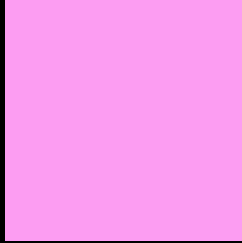
Large Text (above 18pt) WCAG AA × Fail

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 195.0950, 23.1242, 49.9057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

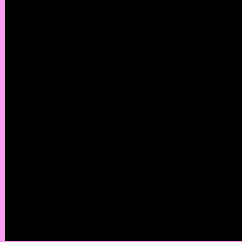
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.0950, 23.1242, 49.9057

Background



This preview shows how black text looks on a background with the YUV color 195.0950, 23.1242, 49.9057.



This preview shows how white text looks on a background with the YUV color 195.0950, 23.1242, 49.9057.

49.9057.

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

195.0950, 23.1242, 49.9057

Protanopia

190.2560, 31.9188, -17.7645

Deuteranopia

191.2160, 22.5715, -6.3284



Tritanopia

192.9070, -5.3772, 44.8086

Trichromacy



Original Color

195.0950, 23.1242, 49.9057



Protanomaly

192.1990, 28.4959, 6.8415



Deuteranomaly

192.4620, 22.9432, 14.5038



Tritanomaly

193.9640, 4.9477, 46.5126

Monochromacy



Original Color

195.0950, 23.1242, 49.9057



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

194.9990, 8.3815, 18.4179

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.0950, 23.1242, 49.9057 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, 157, 242)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 157, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 157, 242) }
```

Border

The CSS property to change the border of an element to YUV 195.0950, 23.1242, 49.9057 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, 157, 242) }
```


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

```
.border{ border-color:rgb(252, 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(252, 157, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 157, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 157, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 157,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 195.0950, 23.1242, 49.9057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 157, 242) }
```

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

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