

Converting Colors

YUV(99.5550, 22.4044, 94.2293)

Have a look what the booklet for
YUV(99.5550, 22.4044, 94.2293)
contains.

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Color

**YUV(99.5550, 22.4044,
94.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	CF2491
RGB	207, 36, 145
RGB Percent	81%, 14%, 57%
CMY	0.1882, 0.8588, 0.4314
CMYK	0.00, 0.83, 0.30, 0.19
HSL	322°, 70%, 48%
HSV	322°, 83%, 81%
XYZ	31.4738, 16.5715, 28.3278
YIQ	99.5550, 66.9270, 70.1510

Conversions

Conversions Part 2

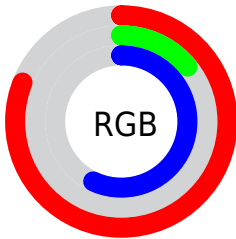
Format	Color
R_{YB}	207, 36, 145
Decimal	13575313
CIE _{Lab}	47.72, 71.28, -17.82
CIE _{LCh}	48, 73.477, 345.962
Yxy	16.5715, 0.4121, 0.2170
Android (android.graphics.Color)	4291765393 (0xFFCF2491)
YUV	99.5550, 22.4044, 94.2293
Hunter-Lab	40.7081, 66.7698, -12.7629

Details

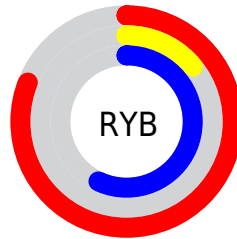
The YUV color **99.5550, 22.4044, 94.2293** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **143.4450, -22.4044, -94.2293**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3920, 19.5267, 83.8482**, and **54.9680, 19.2428, 81.5891** is the 20% darker color. If you saturate the color by 10%, you get **86.3160, 24.9872, 105.8399**, and if you desaturate by 10%, it is **112.7940, 19.8216, 82.6187**.

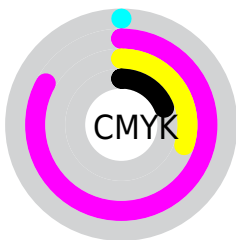
Distribution



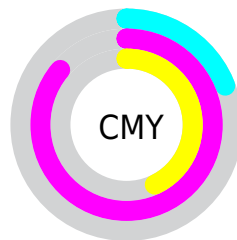
- Red (81%)
- Green (14%)
- Blue (57%)



- Red (81%)
- Yellow (14%)
- Blue (57%)



- Cyan (0%)
- Magenta (83%)
- Yellow (30%)
- Black (19%)




- Cyan (19%)
- Magenta (86%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.5550, 22.4044, 94.2293 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 99.5550, 22.4044, 94.2293 by changing the saturation by 10% instead.


 99.5550, 22.4044,
94.2293


 99.5550, 22.4044,
94.2293


255.0000, 0.0000,
0.0000


 66.4890, 25.8879,
96.9181


 159.3920, 19.5267,
83.8482


 54.9680, 19.2428,
81.5891


 179.6070, 23.3647,
66.1197

 43.6750, 13.4712,
66.0600


 199.8220, 27.2028,
48.3911

 32.3820, 7.6997,
50.5310

 217.4320, 18.5210,
32.9471

 21.9150, 2.5069,
36.0315

 234.4550, 10.1287,
18.0180

 9.6820, -4.2802,
19.5729

 252.0650, 1.4470,

 0.0000, 0.0000,

2.5740

0.0000

■ 99.5550, 22.4044,
94.2293

■ 99.5550, 22.4044,
94.2293

■ 86.3160, 24.9872,
105.8399

■ 112.7940, 19.8216,
82.6187

■ 76.9410, 27.1441,
114.0617

■ 125.3320, 17.0913,
71.6228

■ 138.5710, 14.5085,
60.0122

■ 151.6960, 11.4889,
48.5016

■ 164.3480, 9.1954,
37.4058

■ 177.4730, 6.1758,
25.8952

■ 190.7120, 3.5930,
14.2846

■ 203.8370, 0.5734,
2.7740

■ 216.4890, -1.7201,
-8.3219

Harmonies

Analogous

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



114.9310, 41.9390, 35.1405



99.5550, 22.4044, 94.2293



91.3790, -4.1308, 111.9236

Triad

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



99.5550, 22.4044, 94.2293



103.0200, -50.7889, 3.4905



104.0340, 48.2972, -91.2378

Complementary

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



99.5550, 22.4044, 94.2293



143.4450, -22.4044, -94.2293

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.



98.8240, 23.2578, -86.6686



99.5550, 22.4044, 94.2293



77.7830, -38.3470, -67.3387

Square

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



99.5550, 22.4044, 94.2293



106.8390, -52.6716, 47.4992



90.2400, -4.5553, -79.1405



102.5130, 65.3161, -89.9039

Rectangle

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



99.5550, 22.4044, 94.2293



100.0910, -27.6529, 96.3902



90.2400, -4.5553, -79.1405



102.6830, 40.5823, -90.0530

Sweetspot

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



99.5550, 22.4044, 94.2293



214.8100, 8.4747, 35.2466



73.4340, 65.8480, 19.7904



103.5110, 5.1711, 21.4769



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.



99.5550, 22.4044, 94.2293



96.5880, 32.7411, 138.9273



90.0930, -13.8498, 102.5274



98.0870, 1.4361, 6.0627



62.4300, 21.9730, 92.5849



15.2230, 5.3131, 22.6064

Inverse Universe

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



99.5550, 22.4044, 94.2293



96.5880, 32.7411, 138.9273



152.9070, 13.8498, -102.5274



98.0870, 1.4361, 6.0627



62.4300, 21.9730, 92.5849



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 99.5550, 22.4044, 94.2293 looks on a white background.

Color Contrast Check

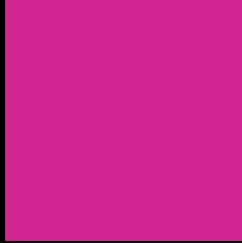
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 99.5550, 22.4044, 94.2293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

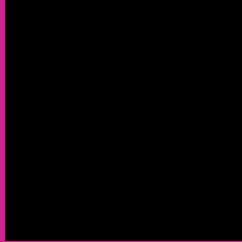
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.5550, 22.4044, 94.2293

Background



This preview shows how black text looks on a background with the YUV color 99.5550, 22.4044, 94.2293.



This preview shows how white text looks on a background with the YUV color 99.5550, 22.4044,

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

99.5550, 22.4044, 94.2293

Protanopia

110.2680, 43.7449, -30.9300

Deuteranopia

114.7470, 10.4777, -0.6551



Tritanopia

106.0060, -18.7370, 83.3097

Trichromacy



Original Color

99.5550, 22.4044, 94.2293



Protanomaly

106.4910, 35.7469, 14.4784



Deuteranomaly

109.4060, 14.5898, 33.8469



Tritanomaly

103.3390, -3.6181, 87.4027

Monochromacy



Original Color

99.5550, 22.4044, 94.2293



Achromatopsia

100.0000, 0.0000, 0.0000



Achromatomaly

99.9840, 7.8959, 34.2170

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.5550, 22.4044, 94.2293 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(207, 36, 145)` looks like.

```
.text, #text, p{  
    color:rgb(207, 36, 145)  
}
```

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(207, 36, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 36, 145) }
```

Border

The CSS property to change the border of an element to YUV 99.5550, 22.4044, 94.2293 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(207, 36, 145) }
```


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

```
.border{ border-color:rgb(207, 36, 145) }
```

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

Here you see how a box with a 4 pixel rgb(207, 36, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 36, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 36, 145);  
box-shadow:4px 4px 4px 4px rgb(207, 36,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 99.5550, 22.4044, 94.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 36, 145) }
```

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

```
.background{ background-color: rgb(207, 36,  
145) }
```

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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