

Converting Colors

YUV(114.3990, 28.8903,
67.1791)

Have a look what the booklet for
YUV(114.3990, 28.8903, 67.1791)
contains.

YUV(114.3990, 28.8903, 67.1791)	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(114.3990, 28.8903,
67.1791)**

Conversions

Conversions Part 1

Format	Color
Hex	BF40AD
RGB	191, 64, 173
RGB Percent	75%, 25%, 68%
CMY	0.2510, 0.7490, 0.3216
CMYK	0.00, 0.66, 0.09, 0.25
HSL	309°, 50%, 50%
HSV	309°, 66%, 75%
XYZ	30.8621, 17.7603, 41.3366
YIQ	114.3990, 40.7030, 60.8230

Conversions

Conversions Part 2

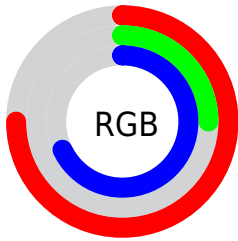
Format	Color
R_{YB}	191, 64, 173
Decimal	12533933
CIE _{Lab}	49.20, 62.61, -32.40
CIE _{LCh}	49, 70.496, 332.641
Yxy	17.7603, 0.3431, 0.1974
Android (android.graphics.Color)	4290724013 (0xFFBF40AD)
YUV	114.3990, 28.8903, 67.1791
Hunter-Lab	42.1430, 56.9687, -28.6555

Details

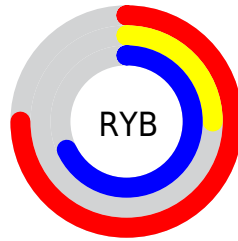
The YUV color **114.3990, 28.8903, 67.1791** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **140.6010, -28.8903, -67.1791**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8830, 28.1587, 68.5086**, and **53.7460, 32.6632, 70.3828** is the 20% darker color. If you saturate the color by 10%, you get **102.9040, 33.0783, 77.2602**, and if you desaturate by 10%, it is **125.8940, 24.7023, 57.0980**.

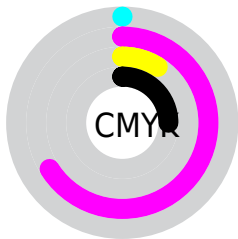
Distribution



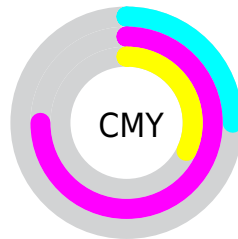
- Red (75%)
- Green (25%)
- Blue (68%)



- Red (75%)
- Yellow (25%)
- Blue (68%)



- Cyan (0%)
- Magenta (66%)
- Yellow (9%)
- Black (25%)





- Cyan (25%)
- Magenta (75%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.3990, 28.8903, 67.1791 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 114.3990, 28.8903, 67.1791 by changing the saturation by 10% instead.


 114.3990, 28.8903,
67.1791


 114.3990, 28.8903,
67.1791


255.0000, 0.0000,
0.0000


 83.2790, 30.9215,
69.0383


 171.8830, 28.1587,
68.5086


 53.7460, 32.6632,
70.3828


 192.7780, 30.6754,
54.5687

 42.5240, 25.8707,
55.6685


 209.2140, 22.5725,
40.1543

 31.7150, 19.3675,
41.4689

 226.2370, 14.1802,
25.2252

 21.9170, 12.8589,
29.0138

 243.8470, 5.4984,
9.7812

 9.5420, 8.1138,
10.9257

 0.0000, 0.0000,

0.0000

■ 114.3990, 28.8903,
67.1791

■ 114.3990, 28.8903,
67.1791

■ 102.9040, 33.0783,
77.2602

■ 125.8940, 24.7023,
57.0980

■ 91.5230, 37.7032,
87.2413

■ 137.2750, 20.0774,
47.1168

■ 80.0280, 41.8912,
97.3224

■ 148.7700, 15.8894,
37.0357

■ 75.8050, 43.4801,
101.0260

■ 160.2650, 11.7014,
26.9546

■ 172.3470, 7.2239,
16.3587

■ 183.7280, 2.5991,
6.3775

■ 195.2230, -1.5889,
-3.7036

■ 206.7180, -5.7770,
-13.7847

■ 218.0990,
-10.4018, -23.7658

Harmonies

Analogous

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



118.0730, 49.7570, 0.8130



114.3990, 28.8903, 67.1791



101.3700, 6.2266, 103.1615

Triad

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



114.3990, 28.8903, 67.1791



109.0550, -53.7641, 24.5078



103.8740, 37.5301, -91.0975

Complementary

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



114.3990, 28.8903, 67.1791



140.6010, -28.8903, -67.1791

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.



97.7350, 11.4696, -85.7136



114.3990, 28.8903, 67.1791



99.3220, -48.9657, -21.3304

Square

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



114.3990, 28.8903, 67.1791



109.0200, -53.7469, 65.7575



88.2050, -14.8911, -77.3558



105.9550, 58.1962, -92.9225

Rectangle

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



114.3990, 28.8903, 67.1791



102.7940, -13.7024, 101.9127



88.2050, -14.8911, -77.3558



102.4090, 29.3784, -89.8127

Sweetspot

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



114.3990, 28.8903, 67.1791



217.4390, 11.1226, 25.9250



83.5610, 52.9674, -2.2460



106.9340, 6.9345, 15.8439



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



114.3990, 28.8903, 67.1791



127.5820, 45.0691, 104.7296



107.3310, 1.8088, 73.3777



88.6030, 2.1677, 4.7332



62.7460, 36.1142, 83.5378



12.2330, 6.7871, 16.4587

Inverse Universe

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



114.3990, 28.8903, 67.1791



127.5820, 45.0691, 104.7296



147.6690, -1.8088, -73.3777



88.6030, 2.1677, 4.7332



62.7460, 36.1142, 83.5378



12.2330, 6.7871, 16.4587

Previews

White Background



This preview shows how the YUV color 114.3990, 28.8903, 67.1791 looks on a white background.

Color Contrast Check

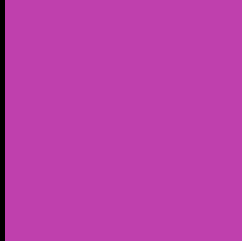
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.3990, 28.8903, 67.1791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

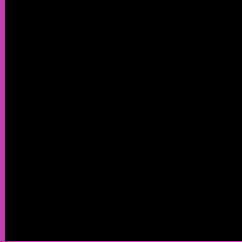
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.3990, 28.8903, 67.1791 Background



This preview shows how black text looks on a background with the YUV color 114.3990, 28.8903, 67.1791.



This preview shows how white text looks on a background with the YUV color 114.3990, 28.8903,

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

114.3990, 28.8903, 67.1791

Protanopia

111.0910, 52.2131, -40.4218

Deuteranopia

117.1010, 23.6142, -14.1206



Tritanopia

116.5020, -11.0935, 58.3187

Trichromacy



Original Color

114.3990, 28.8903, 67.1791



Protanomaly

112.4550, 43.6527, -1.2760



Deuteranomaly

116.1570, 25.5586, 15.6483



Tritanomaly

116.0090, 3.4466, 61.3821

Monochromacy



Original Color

114.3990, 28.8903, 67.1791



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.2000, 10.2544, 24.3806

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.3990, 28.8903, 67.1791 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(191, 64, 173)` looks like.

```
.text, #text, p{  
    color:rgb(191, 64, 173)  
}
```

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(191, 64, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 64, 173) }
```

Border

The CSS property to change the border of an element to YUV 114.3990, 28.8903, 67.1791 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(191, 64, 173) }
```


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

```
.border{ border-color:rgb(191, 64, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 64, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 64, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 64, 173);  
box-shadow:4px 4px 4px 4px rgb(191, 64,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 114.3990, 28.8903, 67.1791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 64, 173) }
```

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

```
.background{ background-color: rgb(191, 64,  
173) }
```

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