

Converting Colors

YUV(109.7750, 32.1559,
93.1593)

Have a look what the booklet for
YUV(109.7750, 32.1559, 93.1593)
contains.

YUV(109.7750, 32.1559, 93.1593)	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(109.7750, 32.1559,
93.1593)**

Conversions

Conversions Part 1

Format	Color
Hex	D82BAF
RGB	216, 43, 175
RGB Percent	85%, 17%, 69%
CMY	0.1529, 0.8314, 0.3137
CMYK	0.00, 0.80, 0.19, 0.15
HSL	314°, 69%, 51%
HSV	314°, 80%, 85%
XYZ	36.9206, 19.4218, 42.3603
YIQ	109.7750, 60.7360, 77.7280

Conversions

Conversions Part 2

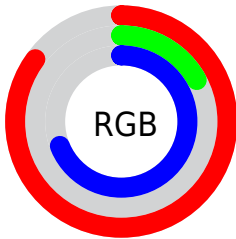
Format	Color
R_{YB}	216, 43, 175
Decimal	14166959
CIE _{Lab}	51.18, 75.26, -30.18
CIE _{LCh}	51, 81.091, 338.149
Yxy	19.4218, 0.3741, 0.1968
Android (android.graphics.Color)	4292357039 (0xFFD82BAF)
YUV	109.7750, 32.1559, 93.1593
Hunter-Lab	44.0702, 72.4189, -26.1404

Details

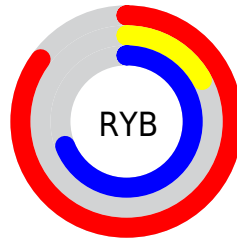
The YUV color **109.7750, 32.1559, 93.1593** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **149.2250, -32.1559, -93.1593**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.5620, 31.7679, 77.5601**, and **60.8510, 30.1465, 84.3227** is the 20% darker color. If you saturate the color by 10%, you get **96.2910, 36.3385, 104.9848**, and if you desaturate by 10%, it is **123.2590, 27.9733, 81.3339**.

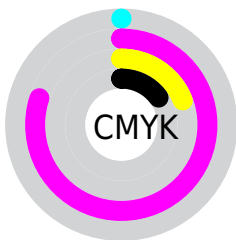
Distribution



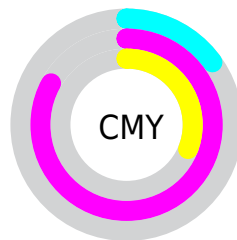
- Red (85%)
- Green (17%)
- Blue (69%)



- Red (85%)
- Yellow (17%)
- Blue (69%)



- Cyan (0%)
- Magenta (80%)
- Yellow (19%)
- Black (15%)




- Cyan (15%)
- Magenta (83%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.7750, 32.1559, 93.1593 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 109.7750, 32.1559, 93.1593 by changing the saturation by 10% instead.


 109.7750, 32.1559,
93.1593


 109.7750, 32.1559,
93.1593


255.0000, 0.0000,
0.0000


 72.4860, 37.2284,
99.5518


 166.5620, 31.7679,
77.5601


 60.8510, 30.1465,
84.3227


 186.9080, 33.5694,
59.7167


 49.3300, 23.5013,
68.9936

 203.9310, 25.1770,
44.7875

 37.9230, 17.2930,
53.5645

 221.5410, 16.4953,
29.3435

 27.2280, 11.2266,
39.2650

 239.1510, 7.8136,
13.8996

 16.0490, 5.8918,
23.6360

 0.0000, 0.0000,

0.0000

■ 109.7750, 32.1559,
93.1593

■ 109.7750, 32.1559,
93.1593

■ 96.2910, 36.3385,
104.9848

■ 123.2590, 27.9733,
81.3339

■ 83.3940, 40.2318,
116.2955

■ 136.1560, 24.0801,
70.0232

■ 149.6400, 19.8975,
58.1977

■ 162.5370, 16.0043,
46.8871

■ 176.1350, 12.2584,
34.9616

■ 189.6190, 8.0758,
23.1361

■ 202.5160, 4.1826,
11.8255

■ 216.0000, 0.0000,
0.0000

■ 228.8970, -3.8932,
-11.3107

Harmonies

Analogous

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



123.7960, 53.3446, 16.8419



109.7750, 32.1559, 93.1593



83.8440, 10.9229, 136.9488

Triad

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



109.7750, 32.1559, 93.1593



112.5440, -55.4842, 16.1859



111.6480, 47.0085, -97.9153

Complementary

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



109.7750, 32.1559, 93.1593



149.2250, -32.1559, -93.1593

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.



104.5970, 17.4537, -91.7316



109.7750, 32.1559, 93.1593



96.8310, -47.7377, -41.9478

Square

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



109.7750, 32.1559, 93.1593



114.3250, -56.3622, 64.6130



94.4000, -14.0012, -82.7888



112.6690, 68.6902, -98.8107

Rectangle

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



109.7750, 32.1559, 93.1593



100.2260, -18.8454, 118.1968



94.4000, -14.0012, -82.7888



109.8410, 37.5464, -96.3306

Sweetspot

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



109.7750, 32.1559, 93.1593



217.4830, 11.1009, 32.9024



74.6820, 69.6698, 7.2949



105.2550, 6.7763, 19.9474



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.



109.7750, 32.1559, 93.1593



104.5730, 45.5665, 131.9245



99.9710, -5.4087, 101.7574



100.3150, 2.3097, 5.8627



65.9490, 31.5771, 92.1297



16.6190, 8.0758, 23.1361

Inverse Universe

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



109.7750, 32.1559, 93.1593



104.5730, 45.5665, 131.9245



159.0290, 5.4087, -101.7574



100.3150, 2.3097, 5.8627



65.9490, 31.5771, 92.1297



16.6190, 8.0758, 23.1361

Previews

White Background



This preview shows how the YUV color 109.7750, 32.1559, 93.1593 looks on a white background.

Color Contrast Check

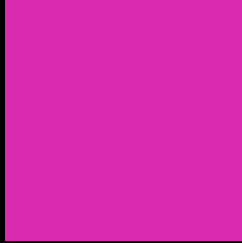
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 109.7750, 32.1559, 93.1593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

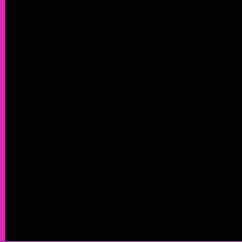
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.7750, 32.1559, 93.1593

Background



This preview shows how black text looks on a background with the YUV color 109.7750, 32.1559, 93.1593.



This preview shows how white text looks on a background with the YUV color 109.7750, 32.1559, 93.1593.

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

109.7750, 32.1559, 93.1593

Protanopia

113.2020, 60.5394, -51.0432

Deuteranopia

123.0260, 20.6932, -10.5468



Tritanopia

117.3260, -17.4157, 79.5211

Trichromacy



Original Color

109.7750, 32.1559, 93.1593



Protanomaly

111.8990, 50.3358, 1.8426



Deuteranomaly

118.4080, 24.9419, 26.8292



Tritanomaly

114.4680, 0.7553, 84.6586

Monochromacy



Original Color

109.7750, 32.1559, 93.1593



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

110.3090, 11.6797, 33.9320

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7750, 32.1559, 93.1593 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(216, 43, 175)` looks like.

```
.text, #text, p{  
    color:rgb(216, 43, 175)  
}
```

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(216, 43, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 43, 175) }
```

Border

The CSS property to change the border of an element to YUV 109.7750, 32.1559, 93.1593 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(216, 43, 175) }
```


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

```
.border{ border-color:rgb(216, 43, 175) }
```

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

Here you see how a box with a 4 pixel rgb(216, 43, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 43, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 43, 175);  
box-shadow:4px 4px 4px 4px rgb(216, 43,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 109.7750, 32.1559, 93.1593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 43, 175) }
```

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

```
.background{ background-color: rgb(216, 43,  
175) }
```

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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