

Converting Colors

YUV(109.4940, 28.3505,
100.4218)

Have a look what the booklet for
YUV(109.4940, 28.3505, 100.4218)
contains.

YUV(109.4940, 28.3505, 100.4218)	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(109.4940, 28.3505,
100.4218)**

Conversions

Conversions Part 1

Format	Color
Hex	E028A7
RGB	224, 40, 167
RGB Percent	88%, 16%, 65%
CMY	0.1216, 0.8431, 0.3451
CMYK	0.00, 0.82, 0.25, 0.12
HSL	319°, 75%, 52%
HSV	319°, 82%, 88%
XYZ	38.4743, 20.1549, 38.4217
YIQ	109.4940, 68.8970, 78.5050

Conversions

Conversions Part 2

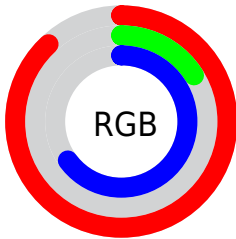
Format	Color
R _Y B	224, 40, 167
Decimal	14690471
CIE Lab	52.01, 76.71, -24.07
CIE LCh	52, 80.401, 342.581
Yxy	20.1549, 0.3964, 0.2077
Android (android.graphics.Color)	4292880551 (0xFFE028A7)
YUV	109.4940, 28.3505, 100.4218
Hunter-Lab	44.8942, 74.4096, -19.3160

Details

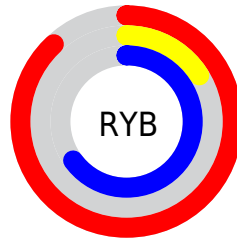
The YUV color **109.4940, 28.3505, 100.4218** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **154.5060, -28.3505, -100.4218**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9490, 28.1261, 78.9747**, and **62.1460, 26.0570, 89.3260** is the 20% darker color. If you saturate the color by 10%, you get **95.7820, 31.6595, 112.4472**, and if you desaturate by 10%, it is **123.2060, 25.0414, 88.3963**.

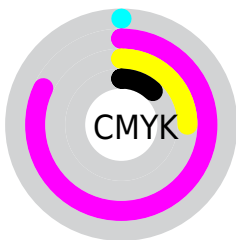
Distribution



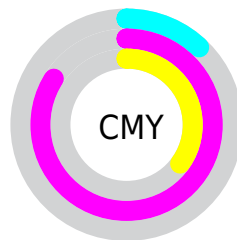
- Red (88%)
- Green (16%)
- Blue (65%)



- Red (88%)
- Yellow (16%)
- Blue (65%)



- Cyan (0%)
- Magenta (82%)
- Yellow (25%)
- Black (12%)





- Cyan (12%)
- Magenta (84%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.4940, 28.3505, 100.4218 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 109.4940, 28.3505, 100.4218 by changing the saturation by 10% instead.


 109.4940, 28.3505,
100.4218


 109.4940, 28.3505,
100.4218


255.0000, 0.0000,
0.0000


 73.9660, 32.5548,
105.2698


 164.9490, 28.1261,
78.9747


 62.1460, 26.0570,
89.3260

 185.8650, 32.1116,
60.6314


 50.3260, 19.5593,
73.3821


 203.9310, 25.1770,
44.7875

 38.9190, 13.3509,
57.9530

 221.5410, 16.4953,
29.3435

 28.3380, 7.7214,
43.5536

 239.1510, 7.8136,
13.8996

 17.1590, 2.3866,
27.9246

 0.0000, 0.0000,

0.0000

■ 109.4940, 28.3505,
100.4218

■ 109.4940, 28.3505,
100.4218

■ 95.7820, 31.6595,
112.4472

■ 123.2060, 25.0414,
88.3963

■ 84.6460, 34.6845,
122.2135

■ 137.5050, 21.4430,
75.8561

■ 151.2170, 18.1340,
63.8307

■ 165.5160, 14.5356,
51.2905

■ 179.2280, 11.2266,
39.2650

■ 192.9400, 7.9176,
27.2396

■ 207.2390, 4.3192,
14.6994

■ 220.9510, 1.0102,
2.6740

■ 235.1360, -3.0250,
-9.7663

Harmonies

Analogous

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



125.9610, 49.8122, 29.8522



109.4940, 28.3505, 100.4218



93.5090, 2.2141, 130.2266

Triad

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



109.4940, 28.3505, 100.4218



113.3860, -55.8993, 9.3085



113.9620, 50.7977, -99.9447

Complementary

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



109.4940, 28.3505, 100.4218



154.5060, -28.3505, -100.4218

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.



107.1390, 22.1165, -93.9609



109.4940, 28.3505, 100.4218



93.1990, -45.9471, -56.3025

Square

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



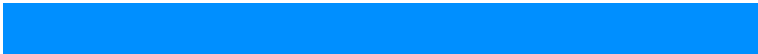
109.4940, 28.3505, 100.4218



116.9390, -57.6509, 57.9355



97.7570, -8.7542, -85.7329



113.0110, 70.0006, -99.1106

Rectangle

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



109.4940, 28.3505, 100.4218



106.6460, -25.9545, 111.6895



97.7570, -8.7542, -85.7329



112.2690, 41.7724, -98.4599

Sweetspot

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



109.4940, 28.3505, 100.4218



215.1520, 9.7851, 34.9467



77.4210, 72.2634, 15.4168



103.7390, 6.0447, 21.2769



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.



109.4940, 28.3505, 100.4218



98.1840, 38.8563, 137.5276



99.2340, -10.9614, 109.4198



105.2010, 1.8729, 5.9627



66.4180, 26.9089, 96.1034



18.1140, 7.3388, 26.2100

Inverse Universe

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



109.4940, 28.3505, 100.4218



98.1840, 38.8563, 137.5276



164.7660, 10.9614, -109.4198



105.2010, 1.8729, 5.9627



66.4180, 26.9089, 96.1034



18.1140, 7.3388, 26.2100

Previews

White Background



This preview shows how the YUV color 109.4940, 28.3505, 100.4218 looks on a white background.

Color Contrast Check

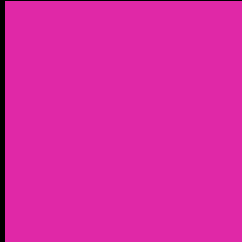
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.4940, 28.3505, 100.4218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

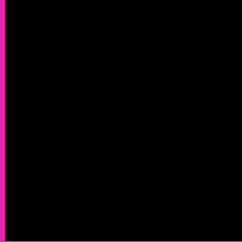
Any Text WCAG AA ✓ Pass

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 109.4940, 28.3505, 100.4218 Background



This preview shows how black text looks on a background with the YUV color 109.4940, 28.3505, 100.4218.



This preview shows how white text looks on a background with the YUV color 109.4940, 28.3505, 100.4218.

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

109.4940, 28.3505, 100.4218

Protanopia

118.5470, 53.9603, -40.8217

Deuteranopia

125.3920, 15.5827, -4.7288



Tritanopia

117.2130, -19.3320, 87.5132

Trichromacy



Original Color

109.4940, 28.3505, 100.4218



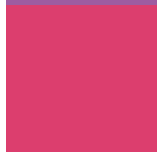
Protanomaly

115.4610, 44.6357, 10.1197



Deuteranomaly

119.6000, 20.4102, 33.6768



Tritanomaly

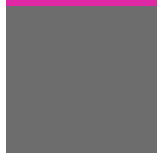
114.7140, -2.3240, 92.3358

Monochromacy



Original Color

109.4940, 28.3505, 100.4218



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

109.2770, 10.2164, 36.5911

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.4940, 28.3505, 100.4218 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(224, 40, 167)` looks like.

```
.text, #text, p{  
    color:rgb(224, 40, 167)  
}
```

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(224, 40, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 40, 167) }
```

Border

The CSS property to change the border of an element to YUV 109.4940, 28.3505, 100.4218 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(224, 40, 167) }
```


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

```
.border{ border-color:rgb(224, 40, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 40, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 40, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 40, 167);  
box-shadow:4px 4px 4px 4px rgb(224, 40,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 109.4940, 28.3505, 100.4218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 40, 167) }
```

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

```
.background{ background-color: rgb(224, 40,  
167) }
```

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