

Converting Colors

YUV(100.7010, 7.5424,
101.1172)

Have a look what the booklet for
YUV(100.7010, 7.5424, 101.1172)
contains.

YUV(100.7010, 7.5424, 101.1172)	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(100.7010, 7.5424,
101.1172)**

Conversions

Conversions Part 1

Format	Color
Hex	D82774
RGB	216, 39, 116
RGB Percent	85%, 15%, 45%
CMY	0.1529, 0.8471, 0.5451
CMYK	0.00, 0.82, 0.46, 0.15
HSL	334°, 69%, 50%
HSV	334°, 82%, 85%
XYZ	32.1968, 17.3109, 18.1674
YIQ	100.7010, 80.7750, 61.4710

Conversions

Conversions Part 2

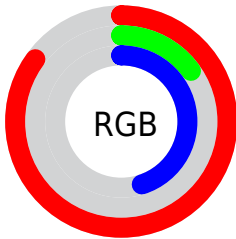
Format	Color
R_{YB}	216, 39, 116
Decimal	14165876
CIE _{Lab}	48.65, 69.89, 1.36
CIE _{LCh}	49, 69.899, 1.114
Yxy	17.3109, 0.4758, 0.2558
Android (android.graphics.Color)	4292355956 (0xFFD82774)
YUV	100.7010, 7.5424, 101.1172
Hunter-Lab	41.6064, 65.3197, 3.2356

Details

The YUV color **100.7010, 7.5424, 101.1172** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **154.2990, -7.5424, -101.1172**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.0320, 5.4072, 85.9179**, and **54.0970, 6.8542, 88.4919** is the 20% darker color. If you saturate the color by 10%, you get **86.4190, 8.6674, 113.6425**, and if you desaturate by 10%, it is **114.9830, 6.4174, 88.5919**.

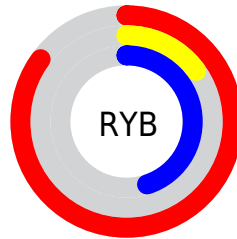
Distribution



Red (85%)

Green (15%)

Blue (45%)



Red (85%)

Yellow (15%)

Blue (45%)

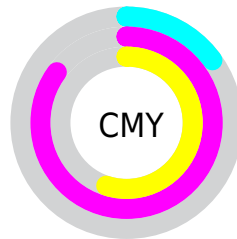


Cyan (0%)

Magenta (82%)

Yellow (46%)

Black (15%)



Cyan (15%)


Magenta (85%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.7010, 7.5424, 101.1172 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 100.7010, 7.5424, 101.1172 by changing the saturation by 10% instead.


 100.7010, 7.5424,
101.1172


 100.7010, 7.5424,
101.1172


255.0000, 0.0000,
0.0000


 65.8030, 12.9151,
104.5358

 157.0320, 5.4072,
85.9179


 54.0970, 6.8542,
88.4919


 177.1330, 8.8084,
68.2894

 42.6190, 1.6668,
72.2481


 197.3480, 12.6464,
50.5608

 31.3690, -2.6469,
55.8044

 218.1500, 16.1950,
32.3174

 20.6740, -8.7133,
41.5049

 235.6290, 9.5499,
16.9884

 10.5790, -4.7224,
21.4172

 253.2390, 0.8682,

 0.0000, 0.0000,

1.5444

0.0000

■ 100.7010, 7.5424,
101.1172

■ 100.7010, 7.5424,
101.1172

■ 86.4190, 8.6674,
113.6425

■ 114.9830, 6.4174,
88.5919

■ 75.3000, 9.2191,
123.3939


■ 128.6780, 5.5817,
76.5814


■ 143.0740, 4.8935,
63.9561


■ 156.7690, 4.0579,
51.9456

■ 171.0510, 2.9329,
39.4203

■ 185.3330, 1.8078,
26.8950

 199.0280, 0.9722,
14.8844

 213.4240, 0.2840,
2.2592

 227.1190, -0.5517,
-9.7514

Harmonies

Analogous

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



113.6050, 29.7747, 63.4904



100.7010, 7.5424, 101.1172



103.4590, -22.4113, 95.1905

Triad

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



100.7010, 7.5424, 101.1172



99.0450, -48.8292, -18.4565



104.7980, 56.3016, -91.9078

Complementary

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



100.7010, 7.5424, 101.1172



154.2990, -7.5424, -101.1172

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.



102.8310, 36.0723, -90.1828



100.7010, 7.5424, 101.1172



86.5750, -16.0595, -75.9263

Square

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



100.7010, 7.5424, 101.1172



108.1800, -53.3327, 26.1521



95.9910, 9.8644, -84.1841



98.9910, 67.0524, -86.8151

Rectangle

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



100.7010, 7.5424, 101.1172



106.6160, -44.1807, 77.5128



95.9910, 9.8644, -84.1841



104.6040, 50.4812, -91.7377

Sweetspot

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



100.7010, 7.5424, 101.1172



213.3280, 2.7963, 36.5463



88.1810, 63.0148, 41.9373



102.5990, 1.6767, 22.2767



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.



100.7010, 7.5424, 101.1172



92.1760, 10.7592, 142.7966



97.2060, -28.6956, 104.1823



99.8590, 0.5625, 6.2627



59.5650, 7.1165, 97.7285



15.0230, 1.9607, 24.5358

Inverse Universe

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



100.7010, 7.5424, 101.1172



92.1760, 10.7592, 142.7966



157.7940, 28.6956, -104.1823



99.8590, 0.5625, 6.2627



59.5650, 7.1165, 97.7285



15.0230, 1.9607, 24.5358

Previews

White Background



This preview shows how the YUV color 100.7010, 7.5424, 101.1172 looks on a white background.

Color Contrast Check

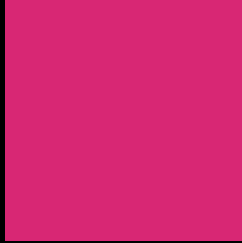
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.7010, 7.5424, 101.1172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

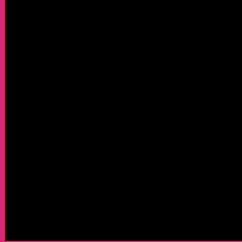
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.7010, 7.5424, 101.1172

Background



This preview shows how black text looks on a background with the YUV color 100.7010, 7.5424, 101.1172.



This preview shows how white text looks on a background with the YUV color 100.7010, 7.5424,

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

100.7010, 7.5424, 101.1172

Protanopia

116.5420, 21.4248, -11.8763

Deuteranopia

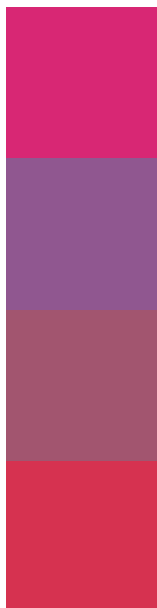
117.2250, -4.5479, 12.0807



Tritanopia

103.8720, -22.1219, 95.7053

Trichromacy



Original Color

100.7010, 7.5424, 101.1172

Protanomaly

110.5410, 16.4953, 29.3435

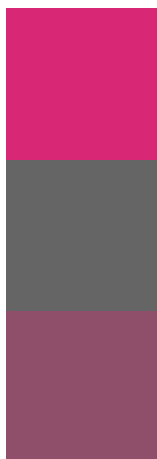
Deuteranomaly

110.9870, 0.0064, 44.7384

Tritanomaly

102.4560, -11.0708, 97.8241

Monochromacy



Original Color

100.7010, 7.5424, 101.1172

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.6270, 2.6489, 37.1611

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7010, 7.5424, 101.1172 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, 39, 116)` looks like.

```
.text, #text, p{  
    color:rgb(216, 39, 116)  
}
```

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, 39, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 39, 116) }
```

Border

The CSS property to change the border of an element to YUV 100.7010, 7.5424, 101.1172 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, 39, 116) }
```


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

```
.border{ border-color:rgb(216, 39, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 39, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 39, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 39, 116);  
box-shadow:4px 4px 4px 4px rgb(216, 39,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 100.7010, 7.5424, 101.1172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 39, 116) }
```

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

```
.background{ background-color: rgb(216, 39,  
116) }
```

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