

Converting Colors

YUV(124.2910, 29.4365,
78.6748)

Have a look what the booklet for
YUV(124.2910, 29.4365, 78.6748)
contains.

YUV(124.2910, 29.4365, 78.6748)	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(124.2910, 29.4365,
78.6748)**

Conversions

Conversions Part 1

Format	Color
Hex	D643B8
RGB	214, 67, 184
RGB Percent	84%, 26%, 72%
CMY	0.1608, 0.7373, 0.2784
CMYK	0.00, 0.69, 0.14, 0.16
HSL	312°, 64%, 55%
HSV	312°, 69%, 84%
XYZ	38.3904, 21.7711, 47.5263
YIQ	124.2910, 50.0550, 67.5510

Conversions

Conversions Part 2

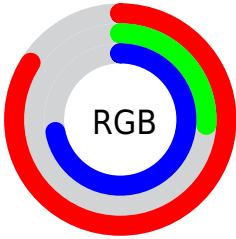
Format	Color
RYB	214, 67, 184
Decimal	14042040
CIELab	53.78, 68.81, -31.40
CIElCh	54, 75.634, 335.474
Yxy	21.7711, 0.3565, 0.2022
Android (android.graphics.Color)	4292232120 (0xFFD643B8)
YUV	124.2910, 29.4365, 78.6748
Hunter-Lab	46.6596, 65.2116, -27.7296

Details

The YUV color **124.2910, 29.4365, 78.6748** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **156.7090, -29.4365, -78.6748**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5670, 30.7795, 67.9087**, and **61.2790, 34.3725, 82.1933** is the 20% darker color. If you saturate the color by 10%, you get **111.5080, 33.7666, 89.8855**, and if you desaturate by 10%, it is **137.0740, 25.1065, 67.4641**.

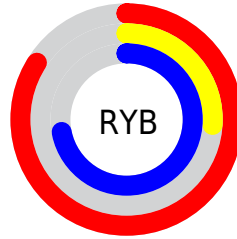
Distribution



Red (84%)

Green (26%)

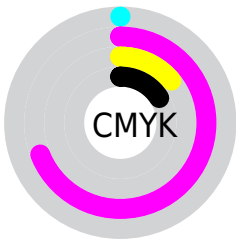
Blue (72%)



Red (84%)

Yellow (26%)

Blue (72%)

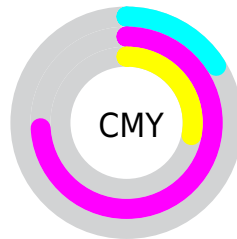


Cyan (0%)

Magenta (69%)

Yellow (14%)

Black (16%)



Cyan (16%)

Magenta (74%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.2910, 29.4365, 78.6748 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 124.2910, 29.4365, 78.6748 by changing the saturation by 10% instead.

124.2910, 29.4365,
78.6748

124.2910, 29.4365,
78.6748

255.0000, 0.0000,
0.0000

91.6980, 32.1939,
80.9489

177.5670, 30.7795,
67.9087

61.2790, 34.3725,
82.1933

196.3000, 28.9391,
51.4799

49.9430, 27.1431,
67.5790

213.3230, 20.5468,
36.5507

38.8350, 20.7873,
52.7647

230.3460, 12.1544,
21.6216

28.0260, 14.2842,
38.5652

247.9560, 3.4727,
6.1776

17.4450, 8.6546,
24.1657

0.9120, 3.4944,

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 124.2910, 29.4365,
78.6748

■ 124.2910, 29.4365,
78.6748

■ 111.5080, 33.7666,
89.8855

■ 137.0740, 25.1065,
67.4641

■ 98.0240, 37.9492,
101.7110

■ 150.5580, 20.9239,
55.6386

■ 85.2410, 42.2792,
112.9216

■ 163.3410, 16.5939,
44.4279

■ 83.3660, 42.7106,
114.5660

■ 176.7110, 11.9745,
32.7025

■ 189.6080, 8.0813,
21.3918

■ 202.3910, 3.7512,
10.1811

■ 215.8750, -0.4314,
-1.6444

■ 228.6580, -4.7614,
-12.8551

■ 239.0930, -7.9338,
-22.0066

Harmonies

Analogous

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



130.6980, 51.9139, 9.0349



124.2910, 29.4365, 78.6748



111.5670, 4.1575, 113.5127

Triad

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



124.2910, 29.4365, 78.6748



119.6650, -58.9948, 22.2188



114.7140, 43.5250, -100.6042

Complementary

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



124.2910, 29.4365, 78.6748



156.7090, -29.4365, -78.6748

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.



108.0050, 15.2805, -94.7204



124.2910, 29.4365, 78.6748



107.2410, -52.8698, -29.1524

Square

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



124.2910, 29.4365, 78.6748



119.9510, -59.1358, 67.5720



97.7910, -13.7010, -85.7627



115.7350, 65.2066, -101.4996

Rectangle

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



124.2910, 29.4365, 78.6748



113.9860, -18.2341, 108.7603



97.7910, -13.7010, -85.7627



113.0210, 34.4996, -99.1194

Sweetspot

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



124.2910, 29.4365, 78.6748



222.0480, 10.8223, 28.8989



92.4290, 59.9345, 3.1318



108.4180, 6.2029, 17.1734



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.



124.2910, 29.4365, 78.6748



127.4150, 41.7004, 111.8920



115.9690, -2.4497, 85.9732



100.3150, 2.3097, 5.8627



66.6330, 34.1979, 91.5299



16.8470, 8.9494, 22.9362

Inverse Universe

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



124.2910, 29.4365, 78.6748



127.4150, 41.7004, 111.8920



165.0310, 2.4497, -85.9732



100.3150, 2.3097, 5.8627



66.6330, 34.1979, 91.5299



16.8470, 8.9494, 22.9362

Previews

White Background



This preview shows how the YUV color 124.2910, 29.4365, 78.6748 looks on a white background.

Color Contrast Check

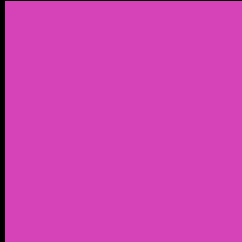
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.2910, 29.4365, 78.6748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

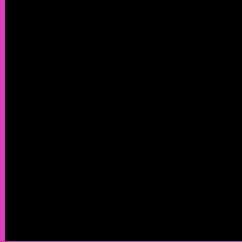
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.2910, 29.4365, 78.6748

Background



This preview shows how black text looks on a background with the YUV color 124.2910, 29.4365, 78.6748.



This preview shows how white text looks on a background with the YUV color 124.2910, 29.4365,

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

124.2910, 29.4365, 78.6748

Protanopia

123.5470, 53.9603, -40.8217

Deuteranopia

129.1830, 22.5878, -11.5615



Tritanopia

126.8840, -13.7468, 69.3847

Trichromacy



Original Color

124.2910, 29.4365, 78.6748



Protanomaly

124.1180, 44.8048, 2.5275



Deuteranomaly

127.3750, 24.9581, 21.5961



Tritanomaly

126.0320, 1.9562, 72.7629

Monochromacy



Original Color

124.2910, 29.4365, 78.6748



Achromatopsia

124.0000, 0.0000, 0.0000



Achromatomaly

124.0480, 10.8223, 28.8989

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.2910, 29.4365, 78.6748 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(214, 67, 184)` looks like.

```
.text, #text, p{  
    color:rgb(214, 67, 184)  
}
```

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(214, 67, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 67, 184) }
```

Border

The CSS property to change the border of an element to YUV 124.2910, 29.4365, 78.6748 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(214, 67, 184) }
```


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

```
.border{ border-color:rgb(214, 67, 184) }
```

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

Here you see how a box with a 4 pixel rgb(214, 67, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 67, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 67, 184);  
box-shadow:4px 4px 4px 4px rgb(214, 67,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 124.2910, 29.4365, 78.6748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 67, 184) }
```

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

```
.background{ background-color: rgb(214, 67,  
184) }
```

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