

Converting Colors

$Y_{xy}(41.8459, 0.2999, 0.2724)$

Have a look what the booklet for
Yxy(41.8459, 0.2999, 0.2724)
contains.

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Color

Yxy(41.8742, 0.2994, 0.2720)

Conversions

Conversions Part 1

Format	Color
Hex	BFA3D1
RGB	191, 163, 209
RGB Percent	75%, 64%, 82%
CMY	0.2510, 0.3608, 0.1803
CMYK	0.09, 0.22, 0.00, 0.18
HSL	277°, 33%, 73%
HSV	277°, 22%, 82%
XYZ	46.0924, 41.8742, 65.9827
YIQ	176.6160, 1.9220, 20.2420

Conversions

Conversions Part 2

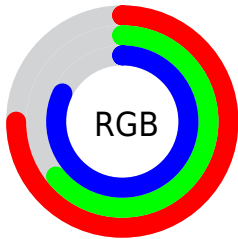
Format	Color
R_{YB}	191, 163, 209
Decimal	12559313
CIE _{Lab}	70.78, 18.76, -19.62
CIE _{LCh}	71, 27.142, 313.713
Yxy	41.8742, 0.2994, 0.2720
Android (android.graphics.Color)	4290749393 (0xFFBFA3D1)
YUV	176.6160, 15.9653, 12.6148
Hunter-Lab	64.7103, 13.9006, -15.1586

Details

The Yxy color $41.8742, 0.2994, 0.2720$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $58.0777, 0.3235, 0.3875$, and the grayscale version is $43.6698, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.3193, 0.3095, 0.2925$, and $19.0203, 0.2953, 0.2572$ is the 20% darker color. If you saturate the color by 10%, you get $34.0252, 0.2917, 0.2440$, and if you desaturate by 10%, it is $51.0126, 0.3060, 0.2989$.

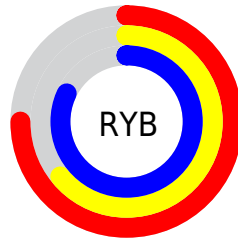
Distribution



Red (75%)

Green (64%)

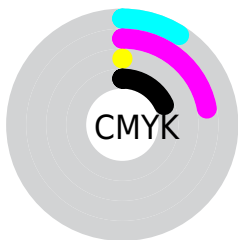
Blue (82%)



Red (75%)

Yellow (64%)

Blue (82%)

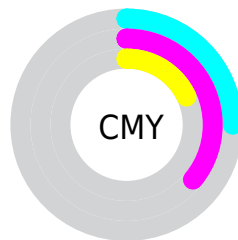


Cyan (9%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (25%)


Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8742, 0.2994, 0.2720 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 Yxy color 41.8742, 0.2994, 0.2720 by changing the saturation by 10% instead.

 41.8742, 0.2994,
0.2720


 41.8742, 0.2994,
0.2720

353.9612, 0.3065,
0.2998

 29.0028, 0.2975,
0.2653

 78.0092, 0.3021,
0.2819

 19.0829, 0.2950,
0.2568


 102.0416, 0.3031,
0.2857

 11.7302, 0.2915,
0.2457


130.5631, 0.3039,
0.2889

 6.5603, 0.2864,
0.2308

163.9581, 0.3046,
0.2917

 3.1886, 0.2785,
0.2095

202.6110, 0.3052,
0.2941

 1.2310, 0.2646,
0.1772

246.9063, 0.3057,

 0.0868, 0.2473,

0.2963

0.0397

297.2282, 0.3061,
0.2981

0.0000, 0.0000,
0.0000

41.8742, 0.2994,
0.2720

41.8742, 0.2994,
0.2720

34.0252, 0.2917,
0.2440

51.0126, 0.3060,
0.2989

27.3992, 0.2830,
0.2156

61.4922, 0.3117,
0.3241

21.9316, 0.2734,
0.1879

73.3682, 0.3164,
0.3475

17.5498, 0.2632,
0.1621

86.6911, 0.3203,
0.3688

14.1724, 0.2526,
0.1396

93.2659, 0.3248,
0.3763

■ 11.7065, 0.2420,
0.1214

■ 94.6668, 0.3302,
0.3755

■ 10.0406, 0.2319,
0.1083

■ 96.1323, 0.3355,
0.3747

■ 9.1299, 0.2243,
0.1009

■ 97.3841, 0.3400,
0.3740

Harmonies

Analogous

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



41.8742, 0.2652, 0.2651



41.8742, 0.2994, 0.2720



41.8742, 0.3394, 0.2918

Triad

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



41.8742, 0.2994, 0.2720



41.8742, 0.3849, 0.3812



41.8742, 0.2545, 0.3335

Complementary

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



41.8742, 0.2994, 0.2720



58.0777, 0.3235, 0.3875

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.



41.8742, 0.2839, 0.3709



41.8742, 0.2994, 0.2720



41.8742, 0.3593, 0.3983

Square

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



41.8742, 0.2994, 0.2720



41.8742, 0.3906, 0.3525



41.8742, 0.3221, 0.3954



41.8742, 0.2406, 0.2976

Rectangle

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



41.8742, 0.2994, 0.2720



41.8742, 0.3637, 0.3103



41.8742, 0.3221, 0.3954



41.8742, 0.2628, 0.3465

Sweetspot

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



41.8760, 0.2994, 0.2720



87.8338, 0.3090, 0.3116



45.6046, 0.2776, 0.2929



18.5864, 0.3086, 0.3100



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



41.8760, 0.2994, 0.2720



60.1512, 0.2962, 0.2601



44.1323, 0.3192, 0.2798



11.7684, 0.3076, 0.3056



5.6869, 0.2257, 0.1017



0.3632, 0.2430, 0.1113

Inverse Universe

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



43.0897, 0.3401, 0.3070



62.4150, 0.3470, 0.3025



56.2067, 0.3068, 0.3837



11.8838, 0.3230, 0.3199



8.7499, 0.5396, 0.2746



0.5046, 0.4905, 0.2476

Previews

White Background



This preview shows how the Yxy color 41.8742, 0.2994, 0.2720 looks on a white background.

Color Contrast Check

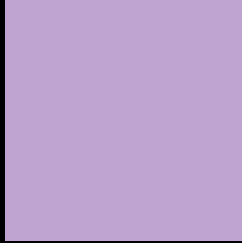
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 41.8742, 0.2994, 0.2720 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 ✓ Pass

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

Yxy 41.8742, 0.2994, 0.2720

Background



This preview shows how black text looks on a background with the Yxy color 41.8742, 0.2994, 0.2720.



This preview shows how white text looks on a background with the Yxy color 41.8742, 0.2994, 0.2720.

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

41.8742, 0.2994, 0.2720

Protanopia

42.1979, 0.2726, 0.2731

Deuteranopia

41.8142, 0.2852, 0.2786



Tritanopia

41.9063, 0.3190, 0.3121

Trichromacy



Original Color

41.8742, 0.2994, 0.2720

Protanomaly

42.0643, 0.2815, 0.2727

Deuteranomaly

41.8948, 0.2909, 0.2768

Tritanomaly

41.7254, 0.3115, 0.2969

Monochromacy



Original Color

41.8742, 0.2994, 0.2720

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.1243, 0.3076, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8742, 0.2994, 0.2720 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, 163, 209)` looks like.

```
.text, #text, p{  
    color:rgb(191, 163, 209)  
}
```

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, 163, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 163, 209) }
```

Border

The CSS property to change the border of an element to Yxy 41.8742, 0.2994, 0.2720 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, 163, 209) }
```

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

```
.border{ border-color:rgb(191, 163, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 163, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 163, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 163, 209);  
box-shadow:4px 4px 4px 4px rgb(191, 163,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8742, 0.2994, 0.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 163, 209) }
```

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

```
.background{ background-color: rgb(191,  
163, 209) }
```

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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