

Converting Colors

$Y_{xy}(42.8739, 0.3262, 0.2947)$

Have a look what the booklet for
Yxy(42.8739, 0.3262, 0.2947)
contains.

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Color

Yxy(42.7933, 0.3264, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	CCA3BF
RGB	204, 163, 191
RGB Percent	80%, 64%, 75%
CMY	0.1998, 0.3608, 0.2510
CMYK	0.00, 0.20, 0.06, 0.20
HSL	319°, 29%, 72%
HSV	319°, 20%, 80%
XYZ	47.4125, 42.7933, 55.0532
YIQ	178.4510, 15.4480, 17.4000

Conversions

Conversions Part 2

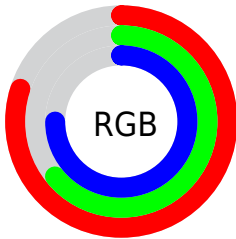
Format	Color
R_{YB}	204, 163, 191
Decimal	13411263
CIE _{Lab}	71.41, 19.75, -8.62
CIE _{LCh}	71, 21.553, 336.431
Yxy	42.7933, 0.3264, 0.2946
Android (android.graphics.Color)	4291601343 (0xFFCCA3BF)
YUV	178.4510, 6.1867, 22.4065
Hunter-Lab	65.4166, 14.8939, -4.1055

Details

The Yxy color $42.7933, 0.3264, 0.2946$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $54.1287, 0.3013, 0.3661$, and the grayscale version is $44.7354, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.1182, 0.3197, 0.3006$, and $19.5934, 0.3290, 0.2844$ is the 20% darker color. If you saturate the color by 10%, you get $35.8461, 0.3350, 0.2768$, and if you desaturate by 10%, it is $50.9259, 0.3190, 0.3121$.

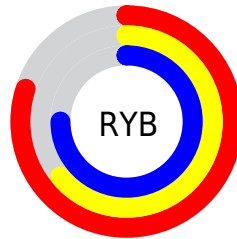
Distribution



Red (80%)

Green (64%)

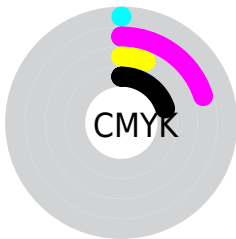
Blue (75%)



Red (80%)

Yellow (64%)

Blue (75%)

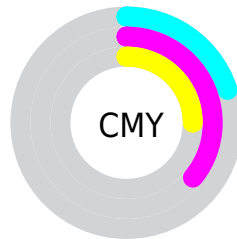


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (20%)



Cyan (20%)


Magenta (36%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.7933, 0.3264, 0.2946 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 42.7933, 0.3264, 0.2946 by changing the saturation by 10% instead.


 42.7933, 0.3264,
0.2946

 42.7933, 0.3264,
0.2946


357.7610, 0.3197,
0.3116

 29.7230, 0.3280,
0.2904


 79.3988, 0.3240,
0.3007

 19.6284, 0.3301,
0.2851


 103.7029, 0.3231,
0.3030

 12.1252, 0.3329,
0.2781


132.5202, 0.3223,
0.3050

 6.8290, 0.3366,
0.2685

166.2353, 0.3216,
0.3067

 3.3554, 0.3420,
0.2544

205.2325, 0.3211,
0.3081

 1.3200, 0.3506,
0.2320

249.8963, 0.3205,

 0.1566, 0.4044,

0.3094

0.1003

300.6110, 0.3201,
0.3106

0.0000, 0.0000,
0.0000

42.7933, 0.3264,
0.2946

42.7933, 0.3264,
0.2946

35.8461, 0.3350,
0.2768

50.9259, 0.3190,
0.3121

30.0225, 0.3449,
0.2593

60.2905, 0.3128,
0.3288

25.2637, 0.3561,
0.2428

70.9384, 0.3075,
0.3446

21.5031, 0.3684,
0.2284

82.9159, 0.3031,
0.3593

18.6668, 0.3816,
0.2171

89.7138, 0.2995,
0.3628

■ 16.6703, 0.3953,
0.2101

■ 90.0710, 0.2959,
0.3557

■ 15.4137, 0.4089,
0.2078

■ 90.4418, 0.2925,
0.3486

■ 14.7149, 0.4221,
0.2099

■ 90.8262, 0.2890,
0.3417

■ 91.2244, 0.2856,
0.3348

Harmonies

Analogous

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



42.7933, 0.2951, 0.2809



42.7933, 0.3264, 0.2946



42.7933, 0.3551, 0.3165

Triad

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



42.7933, 0.3264, 0.2946



42.7933, 0.3559, 0.3817



42.7933, 0.2566, 0.3110

Complementary

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



42.7933, 0.3264, 0.2946



54.1287, 0.3013, 0.3661

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.



42.7933, 0.2713, 0.3402



42.7933, 0.3264, 0.2946



42.7933, 0.3281, 0.3829

Square

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



42.7933, 0.3264, 0.2946



42.7933, 0.3724, 0.3661



42.7933, 0.2972, 0.3675



42.7933, 0.2561, 0.2888

Rectangle

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



42.7933, 0.3264, 0.2946



42.7933, 0.3683, 0.3336



42.7933, 0.2972, 0.3675



42.7933, 0.2600, 0.3203

Sweetspot

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



42.7952, 0.3264, 0.2946



90.3146, 0.3164, 0.3189



39.7801, 0.2904, 0.2757



19.1154, 0.3168, 0.3178



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.



42.7952, 0.3264, 0.2946



65.7852, 0.3298, 0.2872



41.9552, 0.3452, 0.3196



11.3407, 0.3185, 0.3133



9.2746, 0.4203, 0.2089



0.4919, 0.3963, 0.1957

Inverse Universe

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



42.7952, 0.3264, 0.2946



65.7852, 0.3298, 0.2872



55.0021, 0.2877, 0.3386



11.3407, 0.3185, 0.3133



9.2746, 0.4203, 0.2089



0.4919, 0.3963, 0.1957

Previews

White Background



This preview shows how the Yxy color 42.7933, 0.3264, 0.2946 looks on a white background.

Color Contrast Check

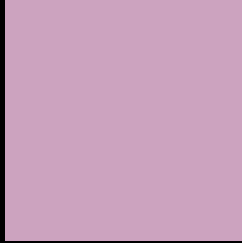
Large Text (above 18pt) WCAG AA × Fail

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 42.7933, 0.3264, 0.2946 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 42.7933, 0.3264, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 42.7933, 0.3264, 0.2946.



This preview shows how white text looks on a background with the Yxy color 42.7933, 0.3264, 0.2946.

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

42.7933, 0.3264, 0.2946

Protanopia

43.0072, 0.2912, 0.2973

Deuteranopia

42.7814, 0.3095, 0.3031



Tritanopia

42.6812, 0.3360, 0.3127

Trichromacy



Original Color

42.7933, 0.3264, 0.2946

Protanomaly

42.7569, 0.3037, 0.2967

Deuteranomaly

42.5616, 0.3159, 0.2998

Tritanomaly

42.6663, 0.3325, 0.3054

Monochromacy



Original Color

42.7933, 0.3264, 0.2946

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8708, 0.3169, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7933, 0.3264, 0.2946 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(204, 163, 191)` looks like.

```
.text, #text, p{  
    color:rgb(204, 163, 191)  
}
```

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(204, 163, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 163, 191) }
```

Border

The CSS property to change the border of an element to Yxy 42.7933, 0.3264, 0.2946 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(204, 163, 191) }
```

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

```
.border{ border-color:rgb(204, 163, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 163, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 163, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 163, 191);  
box-shadow:4px 4px 4px 4px rgb(204, 163,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7933, 0.3264, 0.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 163, 191) }
```

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

```
.background{ background-color: rgb(204,  
163, 191) }
```

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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