

Converting Colors

$Y_{xy}(43.2741, 0.2994, 0.2995)$

Have a look what the booklet for
Yxy(43.2741, 0.2994, 0.2995)
contains.

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Color

Yxy(43.2922, 0.2994, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	B2ADC3
RGB	178, 173, 195
RGB Percent	70%, 68%, 76%
CMY	0.3018, 0.3216, 0.2353
CMYK	0.09, 0.11, 0.00, 0.24
HSL	254°, 15%, 72%
HSV	254°, 11%, 76%
XYZ	43.1625, 43.2922, 57.7085
YIQ	177.0030, -4.0820, 7.9020

Conversions

Conversions Part 2

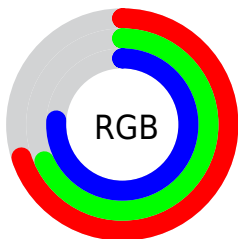
Format	Color
R _Y B	178, 173, 195
Decimal	11709891
CIE Lab	71.75, 6.07, -10.56
CIE LCh	72, 12.179, 299.919
Yxy	43.2922, 0.2994, 0.3003
Android (android.graphics.Color)	4289899971 (0xFFB2ADC3)
YUV	177.0030, 8.8725, 0.8744
Hunter-Lab	65.7968, 1.9509, -5.9438

Details

The Yxy color $43.2922, 0.2994, 0.3003$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $52.9838, 0.3251, 0.3569$, and the grayscale version is $43.9265, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.0075, 0.3018, 0.3047$, and $19.9578, 0.2954, 0.2933$ is the 20% darker color. If you saturate the color by 10%, you get $34.6737, 0.2857, 0.2719$, and if you desaturate by 10%, it is $53.2000, 0.3113, 0.3259$.

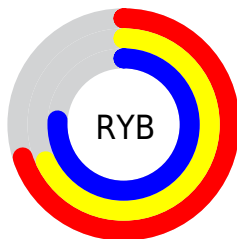
Distribution



Red (70%)

Green (68%)

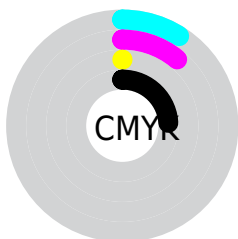
Blue (76%)



Red (70%)

Yellow (68%)

Blue (76%)

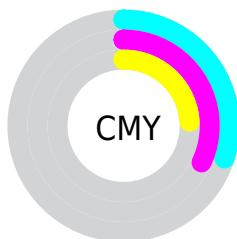


Cyan (9%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (30%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2922, 0.2994, 0.3003 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 43.2922, 0.2994, 0.3003 by changing the saturation by 10% instead.

■ 43.2922, 0.2994,
0.3003

■ 43.2922, 0.2994,
0.3003

359.8121, 0.3062,
0.3146

■ 30.1144, 0.2977,
0.2967

■ 80.1516, 0.3019,
0.3055

■ 19.9255, 0.2954,
0.2922

104.6021, 0.3028,
0.3074

■ 12.3409, 0.2924,
0.2861

133.5789, 0.3036,
0.3091

■ 6.9763, 0.2880,
0.2777

167.4664, 0.3043,
0.3105

■ 3.4473, 0.2814,
0.2652

206.6491, 0.3049,
0.3117

■ 1.3695, 0.2701,
0.2449

251.5114, 0.3054,

■ 0.1941, 0.2254,

0.3128

0.1315

302.4376, 0.3058,
0.3138

0.0000, 0.0000,
0.0000

43.2922, 0.2994,
0.3003

43.2922, 0.2994,
0.3003

34.6737, 0.2857,
0.2719

53.2000, 0.3113,
0.3259

27.2859, 0.2703,
0.2411

64.4420, 0.3216,
0.3487

21.0734, 0.2534,
0.2086

77.0672, 0.3303,
0.3688

15.9746, 0.2354,
0.1756

91.1209, 0.3378,
0.3865

11.9221, 0.2170,
0.1438

96.3638, 0.3471,
0.3882

■ 8.8413, 0.1994,
0.1153

■ 96.7200, 0.3484,
0.3880

■ 6.6470, 0.1836,
0.0922

■ 5.2389, 0.1708,
0.0759

■ 4.4951, 0.1623,
0.0668

Harmonies

Analogous

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



43.2922, 0.2859, 0.3009



43.2922, 0.2994, 0.3003



43.2922, 0.3168, 0.3069

Triad

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



43.2922, 0.2994, 0.3003



43.2922, 0.3470, 0.3479



43.2922, 0.2921, 0.3390

Complementary

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



43.2922, 0.2994, 0.3003



52.9838, 0.3251, 0.3569

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.



43.2922, 0.3080, 0.3527



43.2922, 0.2994, 0.3003



43.2922, 0.3399, 0.3575

Square

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



43.2922, 0.2994, 0.3003



43.2922, 0.3447, 0.3339



43.2922, 0.3255, 0.3595



43.2922, 0.2818, 0.3227

Rectangle

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



43.2922, 0.2994, 0.3003



43.2922, 0.3283, 0.3145



43.2922, 0.3255, 0.3595



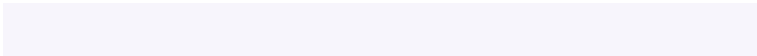
43.2922, 0.2969, 0.3441

Sweetspot

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



43.2940, 0.2994, 0.3003



91.9920, 0.3093, 0.3216



49.7488, 0.2955, 0.3228



19.8163, 0.3084, 0.3196



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.



43.2940, 0.2994, 0.3003



72.7841, 0.2956, 0.2923



44.6110, 0.3086, 0.3011



9.8573, 0.3018, 0.3054



2.9537, 0.1633, 0.0673



0.1599, 0.1867, 0.0802

Inverse Universe

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



45.1991, 0.3182, 0.3078



77.0113, 0.3198, 0.3021



51.6559, 0.3164, 0.3576



10.2066, 0.3172, 0.3114



8.9878, 0.3885, 0.1914



0.3983, 0.3705, 0.1815

Previews

White Background



This preview shows how the Yxy color 43.2922, 0.2994, 0.3003 looks on a white background.

Color Contrast Check

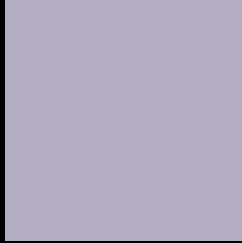
Large Text (above 18pt) WCAG AA × Fail

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 43.2922, 0.2994, 0.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

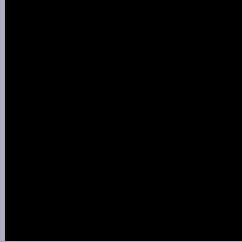
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2922, 0.2994, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 43.2922, 0.2994, 0.3003.



This preview shows how white text looks on a background with the Yxy color 43.2922, 0.2994, 0.3003.

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

43.2922, 0.2994, 0.3003

Protanopia

43.5297, 0.2944, 0.3014

Deuteranopia

43.2563, 0.3045, 0.2981



Tritanopia

43.2501, 0.3040, 0.3105

Trichromacy



Original Color

43.2922, 0.2994, 0.3003

Protanomaly

43.3716, 0.2961, 0.3002

Deuteranomaly

43.3903, 0.3028, 0.2993

Tritanomaly

43.3808, 0.3016, 0.3067

Monochromacy



Original Color

43.2922, 0.2994, 0.3003

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8585, 0.3071, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2922, 0.2994, 0.3003 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(178, 173, 195)` looks like.

```
.text, #text, p{  
    color:rgb(178, 173, 195)  
}
```

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(178, 173, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 173, 195) }
```

Border

The CSS property to change the border of an element to Yxy 43.2922, 0.2994, 0.3003 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(178, 173, 195) }
```

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

```
.border{ border-color:rgb(178, 173, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 173, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 173, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 173, 195);  
box-shadow:4px 4px 4px 4px rgb(178, 173,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2922, 0.2994, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 173, 195) }
```

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

```
.background{ background-color: rgb(178,  
173, 195) }
```

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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