

Converting Colors

$Y_{xy}(43.4725, 0.2928, 0.2682)$

Have a look what the booklet for
Yxy(43.4725, 0.2928, 0.2682)
contains.

Yxy(43.5425, 0.2931, 0.2690)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.5425, 0.2931, 0.2690)

Conversions

Conversions Part 1

Format	Color
Hex	BEA7D8
RGB	190, 167, 216
RGB Percent	75%, 65%, 85%
CMY	0.2550, 0.3450, 0.1529
CMYK	0.12, 0.23, 0.00, 0.15
HSL	268°, 39%, 75%
HSV	268°, 23%, 85%
XYZ	47.4435, 43.5425, 70.8820
YIQ	179.4630, -2.0210, 20.1150

Conversions

Conversions Part 2

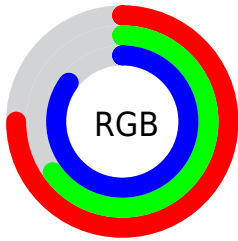
Format	Color
R_{YB}	190, 167, 216
Decimal	12494808
CIE _{Lab}	71.92, 17.65, -21.75
CIE _{LCh}	72, 28.011, 309.071
Yxy	43.5425, 0.2931, 0.2690
Android (android.graphics.Color)	4290684888 (0xFFBEA7D8)
YUV	179.4630, 18.0127, 9.2409
Hunter-Lab	65.9867, 12.8621, -17.4977

Details

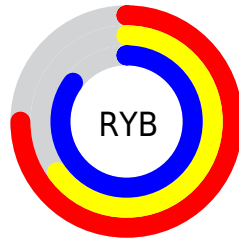
The Yxy color $43.5425, 0.2931, 0.2690$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $63.2587, 0.3290, 0.3887$, and the grayscale version is $45.2414, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.2367, 0.3087, 0.2964$, and $20.0689, 0.2869, 0.2535$ is the 20% darker color. If you saturate the color by 10%, you get $34.8578, 0.2823, 0.2396$, and if you desaturate by 10%, it is $53.6694, 0.3026, 0.2968$.

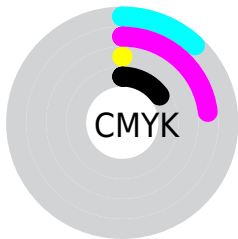
Distribution



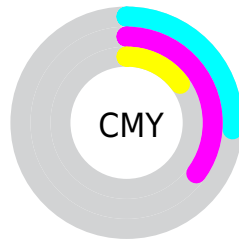
- Red (75%)
- Green (65%)
- Blue (85%)



- Red (75%)
- Yellow (65%)
- Blue (85%)



- Cyan (12%)
- Magenta (23%)
- Yellow (0%)
- Black (15%)




- Cyan (26%)
- Magenta (35%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5425, 0.2931, 0.2690 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 43.5425, 0.2931, 0.2690 by changing the saturation by 10% instead.


 43.5425, 0.2931,
0.2690


 43.5425, 0.2931,
0.2690


360.8381, 0.3033,
0.2981

 30.3110, 0.2904,
0.2620


 80.5289, 0.2969,
0.2793

 20.0748, 0.2870,
0.2533


 105.0525, 0.2983,
0.2833

 12.4494, 0.2823,
0.2420


134.1090, 0.2995,
0.2867

 7.0505, 0.2756,
0.2267

168.0828, 0.3005,
0.2896

 3.4937, 0.2655,
0.2054

207.3582, 0.3013,
0.2921

 1.3946, 0.2486,
0.1735

252.3196, 0.3021,

 0.2127, 0.2236,

0.2943

0.0751

303.3514, 0.3028,
0.2963

0.0000, 0.0000,
0.0000

43.5425, 0.2931,
0.2690

43.5425, 0.2931,
0.2690

34.8578, 0.2823,
0.2396

53.6694, 0.3026,
0.2968

27.5416, 0.2701,
0.2095

65.2966, 0.3107,
0.3225

21.5217, 0.2569,
0.1796

78.4857, 0.3177,
0.3459

16.7169, 0.2431,
0.1515

93.2933, 0.3235,
0.3671

13.0363, 0.2291,
0.1267

96.3242, 0.3308,
0.3677

■ 10.3759, 0.2156,
0.1067

■ 97.7389, 0.3357,
0.3671

■ 8.6108, 0.2034,
0.0924

■ 7.7351, 0.1953,
0.0850

Harmonies

Analogous

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



43.5425, 0.2600, 0.2642



43.5425, 0.2931, 0.2690



43.5425, 0.3337, 0.2873

Triad

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



43.5425, 0.2931, 0.2690



43.5425, 0.3886, 0.3781



43.5425, 0.2572, 0.3397

Complementary

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



43.5425, 0.2931, 0.2690



63.2587, 0.3290, 0.3887

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.



43.5425, 0.2890, 0.3768



43.5425, 0.2931, 0.2690



43.5425, 0.3652, 0.3980

Square

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



43.5425, 0.2931, 0.2690



43.5425, 0.3909, 0.3479



43.5425, 0.3284, 0.3987



43.5425, 0.2404, 0.3020

Rectangle

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



43.5425, 0.2931, 0.2690



43.5425, 0.3593, 0.3053



43.5425, 0.3284, 0.3987



43.5425, 0.2664, 0.3529

Sweetspot

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



43.5443, 0.2931, 0.2690



87.3795, 0.3073, 0.3115



51.3825, 0.2771, 0.3001



18.4812, 0.3068, 0.3099



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.



43.5443, 0.2931, 0.2690



57.3672, 0.2883, 0.2557



46.9560, 0.3139, 0.2727



12.2909, 0.3054, 0.3054



4.6405, 0.1969, 0.0858



0.3289, 0.2162, 0.0965

Inverse Universe

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



46.0981, 0.3351, 0.2983



61.7556, 0.3408, 0.2918



60.3083, 0.3109, 0.3921



12.5301, 0.3209, 0.3167



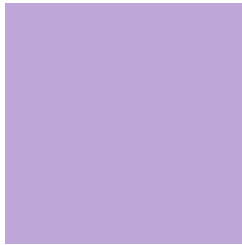
9.3936, 0.4814, 0.2426



0.5832, 0.4462, 0.2232

Previews

White Background



This preview shows how the Yxy color 43.5425, 0.2931, 0.2690 looks on a white background.

Color Contrast Check

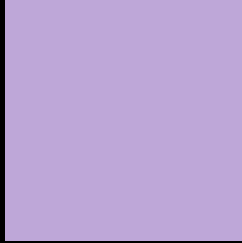
Large Text (above 18pt) WCAG AA × Fail

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 43.5425, 0.2931, 0.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

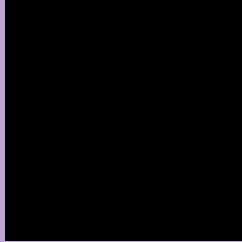
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5425, 0.2931, 0.2690

Background



This preview shows how black text looks on a background with the Yxy color 43.5425, 0.2931, 0.2690.



This preview shows how white text looks on a background with the Yxy color 43.5425, 0.2931, 0.2690.

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

43.5425, 0.2931, 0.2690

Protanopia

43.8797, 0.2704, 0.2703

Deuteranopia

43.7921, 0.2812, 0.2757



Tritanopia

43.3645, 0.3127, 0.3108

Trichromacy



Original Color

43.5425, 0.2931, 0.2690

Protanomaly

43.6182, 0.2783, 0.2698

Deuteranomaly

43.7354, 0.2858, 0.2738

Tritanomaly

43.3455, 0.3055, 0.2946

Monochromacy



Original Color

43.5425, 0.2931, 0.2690

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.5330, 0.3060, 0.3071

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5425, 0.2931, 0.2690 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(190, 167, 216)` looks like.

```
.text, #text, p{  
    color:rgb(190, 167, 216)  
}
```

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(190, 167, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 167, 216) }
```

Border

The CSS property to change the border of an element to Yxy 43.5425, 0.2931, 0.2690 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(190, 167, 216) }
```

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

```
.border{ border-color:rgb(190, 167, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 167, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 167, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 167, 216);  
box-shadow:4px 4px 4px 4px rgb(190, 167,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5425, 0.2931, 0.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 167, 216) }
```

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

```
.background{ background-color: rgb(190,  
167, 216) }
```

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