

Converting Colors

$Y_{xy}(43.1995, 0.2934, 0.2821)$

Have a look what the booklet for
Yxy(43.1995, 0.2934, 0.2821)
contains.

Yxy(43.1995, 0.2934, 0.2821)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.1995, 0.2934, 0.2821)

Conversions

Conversions Part 1

Format	Color
Hex	B6AACF
RGB	182, 170, 207
RGB Percent	71%, 67%, 81%
CMY	0.2863, 0.3333, 0.1882
CMYK	0.12, 0.18, 0.00, 0.19
HSL	259°, 28%, 74%
HSV	259°, 18%, 81%
XYZ	44.9299, 43.1995, 65.0060
YIQ	177.8060, -4.7250, 14.0510

Conversions

Conversions Part 2

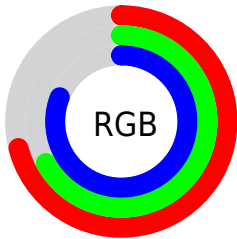
Format	Color
R_{YB}	182, 170, 207
Decimal	11971279
CIE _{Lab}	71.69, 11.52, -17.22
CIE _{LCh}	72, 20.716, 303.788
Yxy	43.1995, 0.2934, 0.2821
Android (android.graphics.Color)	4290161359 (0xFFB6AACF)
YUV	177.8060, 14.3926, 3.6781
Hunter-Lab	65.7263, 6.9999, -12.6318

Details

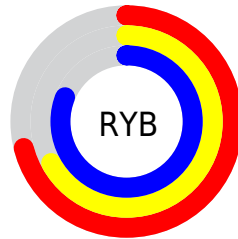
The Yxy color $43.1995, 0.2934, 0.2821$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $59.1343, 0.3298, 0.3745$, and the grayscale version is $44.3388, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.2476, 0.3026, 0.2989$, and $19.9239, 0.2873, 0.2690$ is the 20% darker color. If you saturate the color by 10%, you get $34.4227, 0.2803, 0.2525$, and if you desaturate by 10%, it is $53.3720, 0.3048, 0.3093$.

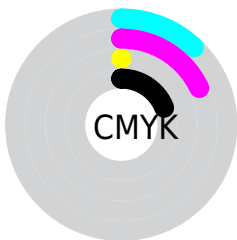
Distribution



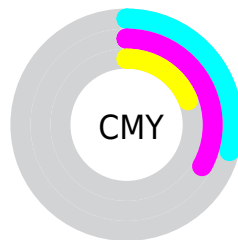
- Red (71%)
- Green (67%)
- Blue (81%)



- Red (71%)
- Yellow (67%)
- Blue (81%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1995, 0.2934, 0.2821 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 43.1995, 0.2934, 0.2821 by changing the saturation by 10% instead.

■ 43.1995, 0.2934,
0.2821

■ 43.1995, 0.2934,
0.2821

■ 359.4316, 0.3033,
0.3052

■ 30.0417, 0.2908,
0.2765

■ 80.0118, 0.2971,
0.2904

■ 19.8702, 0.2875,
0.2693

■ 104.4351, 0.2984,
0.2935

■ 12.3007, 0.2831,
0.2600

■ 133.3824, 0.2996,
0.2962

■ 6.9488, 0.2767,
0.2472

■ 167.2379, 0.3005,
0.2985

■ 3.4301, 0.2671,
0.2288

■ 206.3863, 0.3014,
0.3005

■ 1.3602, 0.2508,
0.2002

■ 251.2117, 0.3021,

■ 0.1871, 0.2160,

0.3022

0.0881

302.0987, 0.3028,
0.3038

0.0000, 0.0000,
0.0000

43.1995, 0.2934,
0.2821

43.1995, 0.2934,
0.2821

34.4227, 0.2803,
0.2525

53.3720, 0.3048,
0.3093

26.9742, 0.2657,
0.2213

64.9929, 0.3147,
0.3340

20.7890, 0.2498,
0.1893

78.1187, 0.3231,
0.3561

15.7944, 0.2331,
0.1580

92.8012, 0.3302,
0.3757

11.9100, 0.2164,
0.1293

96.7087, 0.3391,
0.3764

■ 9.0453, 0.2005,
0.1049

■ 97.2854, 0.3412,
0.3760

■ 7.0944, 0.1864,
0.0865

■ 5.9073, 0.1748,
0.0746

■ 5.7039, 0.1726,
0.0725

Harmonies

Analogous

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



43.1995, 0.2699, 0.2809



43.1995, 0.2934, 0.2821



43.1995, 0.3232, 0.2944

Triad

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



43.1995, 0.2934, 0.2821



43.1995, 0.3706, 0.3629



43.1995, 0.2748, 0.3423

Complementary

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



43.1995, 0.2934, 0.2821



59.1343, 0.3298, 0.3745

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.



43.1995, 0.3004, 0.3677



43.1995, 0.2934, 0.2821



43.1995, 0.3560, 0.3787

Square

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



43.1995, 0.2934, 0.2821



43.1995, 0.3689, 0.3396



43.1995, 0.3301, 0.3811



43.1995, 0.2596, 0.3141

Rectangle

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



43.1995, 0.2934, 0.2821



43.1995, 0.3427, 0.3075



43.1995, 0.3301, 0.3811



43.1995, 0.2824, 0.3516

Sweetspot

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



43.2013, 0.2934, 0.2821



90.5359, 0.3078, 0.3166



52.2115, 0.2852, 0.3141



19.1041, 0.3070, 0.3148



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.



43.2013, 0.2934, 0.2821



64.2356, 0.2892, 0.2724



45.5656, 0.3089, 0.2842



11.6012, 0.3032, 0.3053



3.6391, 0.1739, 0.0732



0.2461, 0.1946, 0.0846

Inverse Universe

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



45.9570, 0.3249, 0.2988



69.3947, 0.3276, 0.2929



56.8537, 0.3156, 0.3765



11.9411, 0.3187, 0.3134



9.5660, 0.4230, 0.2104



0.5491, 0.3998, 0.1976

Previews

White Background



This preview shows how the Yxy color 43.1995, 0.2934, 0.2821 looks on a white background.

Color Contrast Check

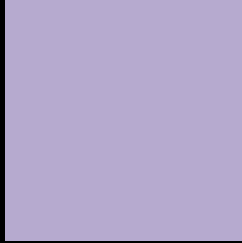
Large Text (above 18pt) WCAG AA × Fail

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 43.1995, 0.2934, 0.2821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

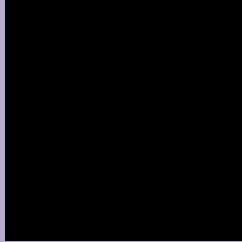
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1995, 0.2934, 0.2821

Background



This preview shows how black text looks on a background with the Yxy color 43.1995, 0.2934, 0.2821.



This preview shows how white text looks on a background with the Yxy color 43.1995, 0.2934, 0.2821.

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

43.1995, 0.2934, 0.2821

Protanopia

43.2501, 0.2801, 0.2823

Deuteranopia

43.0958, 0.2901, 0.2830



Tritanopia

43.0587, 0.3066, 0.3106

Trichromacy



Original Color

43.1995, 0.2934, 0.2821

Protanomaly

43.3748, 0.2847, 0.2827

Deuteranomaly

43.2145, 0.2909, 0.2831

Tritanomaly

43.1034, 0.3018, 0.3004

Monochromacy



Original Color

43.1995, 0.2934, 0.2821

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.9178, 0.3049, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1995, 0.2934, 0.2821 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(182, 170, 207)` looks like.

```
.text, #text, p{  
    color:rgb(182, 170, 207)  
}
```

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(182, 170, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 170, 207) }
```

Border

The CSS property to change the border of an element to Yxy 43.1995, 0.2934, 0.2821 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(182, 170, 207) }
```

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

```
.border{ border-color:rgb(182, 170, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 170, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 170, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 170, 207);  
box-shadow:4px 4px 4px 4px rgb(182, 170,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1995, 0.2934, 0.2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 170, 207) }
```

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

```
.background{ background-color: rgb(182,  
170, 207) }
```

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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