

Converting Colors

$Y_{xy}(43.6166, 0.2879, 0.2699)$

Have a look what the booklet for
Yxy(43.6166, 0.2879, 0.2699)
contains.

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Color

Yxy(43.5760, 0.2875, 0.2695)

Conversions

Conversions Part 1

Format	Color
Hex	B8A9D9
RGB	184, 169, 217
RGB Percent	72%, 66%, 85%
CMY	0.2783, 0.3373, 0.1489
CMYK	0.15, 0.22, 0.00, 0.15
HSL	259°, 39%, 76%
HSV	259°, 22%, 85%
XYZ	46.4865, 43.5760, 71.6296
YIQ	178.9570, -6.4680, 18.1080

Conversions

Conversions Part 2

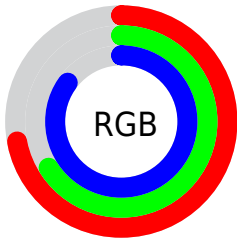
Format	Color
RYB	184, 169, 217
Decimal	12102105
CIELab	71.94, 14.87, -22.32
CIELCh	72, 26.817, 303.683
Yxy	43.5760, 0.2875, 0.2695
Android (android.graphics.Color)	4290292185 (0xFFB8A9D9)
YUV	178.9570, 18.7552, 4.4227
Hunter-Lab	66.0121, 10.1804, -18.1269

Details

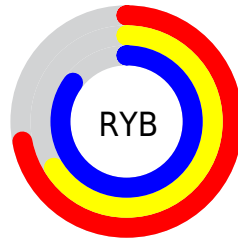
The Yxy color $43.5760, 0.2875, 0.2695$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $65.0653, 0.3343, 0.3861$, and the grayscale version is $44.9587, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.0566, 0.3039, 0.2980$, and $20.0770, 0.2794, 0.2539$ is the 20% darker color. If you saturate the color by 10%, you get $34.4160, 0.2735, 0.2389$, and if you desaturate by 10%, it is $54.2741, 0.2999, 0.2979$.

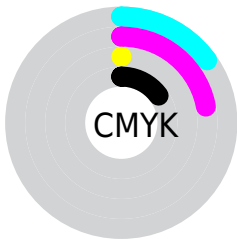
Distribution



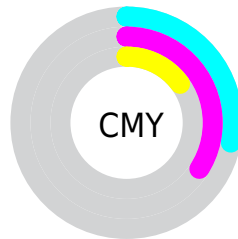
- Red (72%)
- Green (66%)
- Blue (85%)



- Red (72%)
- Yellow (66%)
- Blue (85%)



- Cyan (15%)
- Magenta (22%)
- Yellow (0%)
- Black (15%)




- Cyan (28%)
- Magenta (34%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5760, 0.2875, 0.2695 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 43.5760, 0.2875, 0.2695 by changing the saturation by 10% instead.


 43.5760, 0.2875,
0.2695


 43.5760, 0.2875,
0.2695


360.9752, 0.3005,
0.2984

 30.3373, 0.2842,
0.2626


 80.5793, 0.2923,
0.2798

 20.0948, 0.2799,
0.2538


 105.1128, 0.2940,
0.2837

 12.4639, 0.2741,
0.2425


134.1800, 0.2955,
0.2871

 7.0605, 0.2660,
0.2272

168.1652, 0.2968,
0.2900

 3.4999, 0.2539,
0.2057

207.4530, 0.2979,
0.2925

 1.3980, 0.2341,
0.1737

252.4277, 0.2989,

 0.2152, 0.2000,

0.2947

0.0758

303.4736, 0.2997,
0.2967

0.0000, 0.0000,
0.0000

43.5760, 0.2875,
0.2695

43.5760, 0.2875,
0.2695

34.4160, 0.2735,
0.2389

54.2741, 0.2999,
0.2979

26.7166, 0.2580,
0.2070

66.5722, 0.3106,
0.3238

20.4015, 0.2413,
0.1748

80.5352, 0.3198,
0.3470

15.3855, 0.2242,
0.1442

95.7071, 0.3277,
0.3669

11.5732, 0.2075,
0.1170

97.7916, 0.3351,
0.3661

■ 8.8558, 0.1922,
0.0950

■ 7.1037, 0.1792,
0.0795

■ 6.2367, 0.1709,
0.0715

Harmonies

Analogous

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



43.5760, 0.2579, 0.2676



43.5760, 0.2875, 0.2695



43.5760, 0.3258, 0.2850

Triad

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



43.5760, 0.2875, 0.2695



43.5760, 0.3874, 0.3715



43.5760, 0.2641, 0.3461

Complementary

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



43.5760, 0.2875, 0.2695



65.0653, 0.3343, 0.3861

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.



43.5760, 0.2966, 0.3798



43.5760, 0.2875, 0.2695



43.5760, 0.3683, 0.3928

Square

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



43.5760, 0.2875, 0.2695



43.5760, 0.3855, 0.3416



43.5760, 0.3347, 0.3971



43.5760, 0.2450, 0.3092

Rectangle

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



43.5760, 0.2875, 0.2695



43.5760, 0.3511, 0.3013



43.5760, 0.3347, 0.3971



43.5760, 0.2737, 0.3584

Sweetspot

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



43.5778, 0.2875, 0.2695



86.8826, 0.3055, 0.3114



55.9794, 0.2787, 0.3111



18.3662, 0.3049, 0.3098



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.



43.5778, 0.2875, 0.2695



55.7658, 0.2805, 0.2541



46.7117, 0.3071, 0.2729



12.8138, 0.3029, 0.3052



3.8237, 0.1722, 0.0722



0.2927, 0.1901, 0.0821

Inverse Universe

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



47.3948, 0.3279, 0.2906



62.3507, 0.3322, 0.2814



62.0442, 0.3167, 0.3893



13.2019, 0.3185, 0.3131



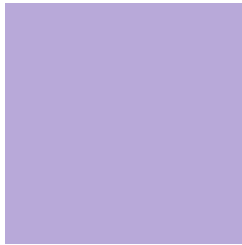
10.2656, 0.4189, 0.2081



0.6803, 0.3991, 0.1972

Previews

White Background



This preview shows how the Yxy color 43.5760, 0.2875, 0.2695 looks on a white background.

Color Contrast Check

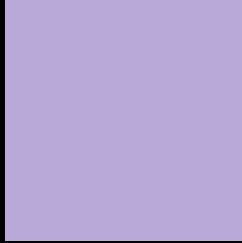
Large Text (above 18pt) WCAG AA × Fail

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 43.5760, 0.2875, 0.2695 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 43.5760, 0.2875, 0.2695

Background



This preview shows how black text looks on a background with the Yxy color 43.5760, 0.2875, 0.2695.



This preview shows how white text looks on a background with the Yxy color 43.5760, 0.2875, 0.2695.

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

43.5760, 0.2875, 0.2695

Protanopia

43.8797, 0.2704, 0.2703

Deuteranopia

43.7292, 0.2797, 0.2744



Tritanopia

43.4866, 0.3057, 0.3106

Trichromacy



Original Color

43.5760, 0.2875, 0.2695

Protanomaly

43.8251, 0.2761, 0.2697

Deuteranomaly

43.8100, 0.2828, 0.2736

Tritanomaly

43.4523, 0.2988, 0.2943

Monochromacy



Original Color

43.5760, 0.2875, 0.2695

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.3340, 0.3035, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5760, 0.2875, 0.2695 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(184, 169, 217)` looks like.

```
.text, #text, p{  
    color:rgb(184, 169, 217)  
}
```

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(184, 169, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 169, 217) }
```

Border

The CSS property to change the border of an element to Yxy 43.5760, 0.2875, 0.2695 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(184, 169, 217) }
```

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

```
.border{ border-color:rgb(184, 169, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 169, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 169, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 169, 217);  
box-shadow:4px 4px 4px 4px rgb(184, 169,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5760, 0.2875, 0.2695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 169, 217) }
```

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

```
.background{ background-color: rgb(184,  
169, 217) }
```

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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