

Converting Colors

$Y_{xy}(46.3859, 0.3117, 0.2870)$

Have a look what the booklet for
Yxy(46.3859, 0.3117, 0.2870)
contains.

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Color

Yxy(46.2786, 0.3121, 0.2869)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CBABCE |
| RGB | 203, 171, 206 |
| RGB Percent | 80%, 67%, 81% |
| CMY | 0.2037, 0.3295, 0.1921 |
| CMYK | 0.01, 0.17, 0.00, 0.19 |
| HSL | 295°, 26%, 74% |
| HSV | 295°, 17%, 81% |
| XYZ | 50.3435, 46.2786, 64.6836 |
| YIQ | 184.5580, 7.8370, 17.6690 |

Conversions

Conversions Part 2

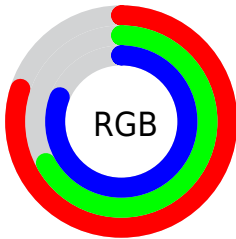
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 203, 171, 206 |
| Decimal | 13347790 |
| CIE _{Lab} | 73.73, 17.80, -13.43 |
| CIE _{LCh} | 74, 22.297, 322.968 |
| Yxy | 46.2786, 0.3121, 0.2869 |
| Android (android.graphics.Color) | 4291537870 (0xFFCBA0CE) |
| YUV | 184.5580, 10.5709, 16.1736 |
| Hunter-Lab | 68.0284, 13.0469, -8.7550 |

Details

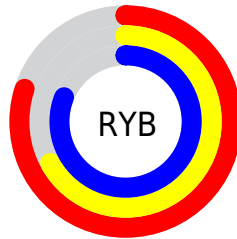
The Yxy color $46.2786, 0.3121, 0.2869$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $56.0853, 0.3128, 0.3743$, and the grayscale version is $48.1984, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.8727, 0.3140, 0.3009$, and $21.8502, 0.3116, 0.2761$ is the 20% darker color. If you saturate the color by 10%, you get $38.8516, 0.3114, 0.2615$, and if you desaturate by 10%, it is $54.9253, 0.3125, 0.3120$.

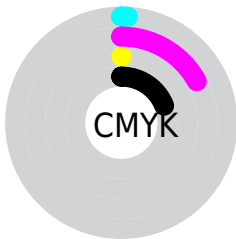
Distribution



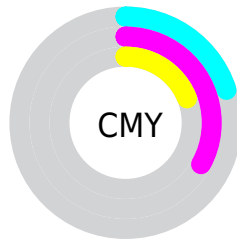
- Red (80%)
- Green (67%)
- Blue (81%)



- Red (80%)
- Yellow (67%)
- Blue (81%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (19%)




- Cyan (20%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.2786, 0.3121, 0.2869 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 46.2786, 0.3121, 0.2869 by changing the saturation by 10% instead.


 46.2786, 0.3121,
0.2869

 46.2786, 0.3121,
0.2869

371.9276, 0.3127,
0.3073

 32.4657, 0.3119,
0.2820


 84.6358, 0.3124,
0.2942

 21.7175, 0.3116,
0.2758


109.9489, 0.3125,
0.2969

 13.6495, 0.3111,
0.2678


139.8642, 0.3125,
0.2993

 7.8773, 0.3102,
0.2569

174.7661, 0.3126,
0.3013

 4.0165, 0.3087,
0.2414

215.0390, 0.3126,
0.3031

 1.6828, 0.3057,
0.2177

261.0673, 0.3126,

 0.4125, 0.3070,

0.3047

0.1532

313.2354, 0.3127,
0.3061

0.0000, 0.0000,
0.0000

46.2786, 0.3121,
0.2869

46.2786, 0.3121,
0.2869

38.8516, 0.3114,
0.2615

54.9253, 0.3125,
0.3120

32.5824, 0.3105,
0.2364

64.8381, 0.3128,
0.3361

27.4124, 0.3094,
0.2127

76.0684, 0.3128,
0.3589

23.2757, 0.3079,
0.1913

88.6628, 0.3128,
0.3800

20.0994, 0.3062,
0.1732

89.9421, 0.3138,
0.3814

■ 17.8009, 0.3043,
0.1591

■ 90.2027, 0.3149,
0.3813

■ 16.2837, 0.3023,
0.1493

■ 90.4663, 0.3160,
0.3811

■ 15.4193, 0.3002,
0.1437

■ 90.7326, 0.3171,
0.3809

■ 15.2186, 0.2995,
0.1424

■ 91.0018, 0.3182,
0.3807

Harmonies

Analogous

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



46.2786, 0.2824, 0.2779



46.2786, 0.3121, 0.2869



46.2786, 0.3434, 0.3058

Triad

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



46.2786, 0.3121, 0.2869



46.2786, 0.3655, 0.3765



46.2786, 0.2612, 0.3236

Complementary

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



46.2786, 0.3121, 0.2869



56.0853, 0.3128, 0.3743

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.



46.2786, 0.2816, 0.3535



46.2786, 0.3121, 0.2869



46.2786, 0.3417, 0.3849

Square

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



46.2786, 0.3121, 0.2869



46.2786, 0.3750, 0.3562



46.2786, 0.3109, 0.3767



46.2786, 0.2541, 0.2972

Rectangle

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



46.2786, 0.3121, 0.2869



46.2786, 0.3605, 0.3219



46.2786, 0.3109, 0.3767



46.2786, 0.2666, 0.3337

Sweetspot

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



46.2806, 0.3121, 0.2869



91.9287, 0.3126, 0.3168



43.5745, 0.2853, 0.2880



19.4429, 0.3126, 0.3150



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.



46.2806, 0.3121, 0.2869



70.8548, 0.3119, 0.2787



46.0507, 0.3265, 0.3035



11.3535, 0.3124, 0.3061



9.3901, 0.2999, 0.1426



0.4990, 0.3042, 0.1450

Inverse Universe

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



45.2989, 0.3423, 0.3254



69.0158, 0.3493, 0.3247



56.3110, 0.3011, 0.3560



11.2289, 0.3277, 0.3271



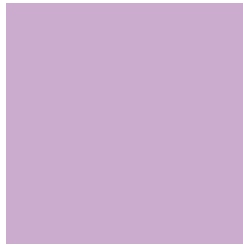
8.1119, 0.6297, 0.3242



0.4239, 0.5981, 0.3068

Previews

White Background



This preview shows how the Yxy color 46.2786, 0.3121, 0.2869 looks on a white background.

Color Contrast Check

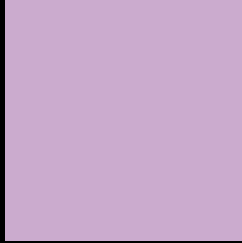
Large Text (above 18pt) WCAG AA × Fail

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 46.2786, 0.3121, 0.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

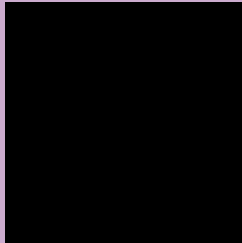
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2786, 0.3121, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 46.2786, 0.3121, 0.2869.



This preview shows how white text looks on a background with the Yxy color 46.2786, 0.3121, 0.2869.

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

46.2786, 0.3121, 0.2869

Protanopia

46.5099, 0.2846, 0.2885

Deuteranopia

46.5434, 0.3000, 0.2941



Tritanopia

46.1823, 0.3242, 0.3117

Trichromacy



Original Color

46.2786, 0.3121, 0.2869

Protanomaly

46.4117, 0.2938, 0.2879

Deuteranomaly

46.4052, 0.3042, 0.2920

Tritanomaly

46.2448, 0.3193, 0.3020

Monochromacy



Original Color

46.2786, 0.3121, 0.2869

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.6992, 0.3126, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2786, 0.3121, 0.2869 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(203, 171, 206)` looks like.

```
.text, #text, p{  
    color:rgb(203, 171, 206)  
}
```

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(203, 171, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 171, 206) }
```

Border

The CSS property to change the border of an element to Yxy 46.2786, 0.3121, 0.2869 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(203, 171, 206) }
```

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

```
.border{ border-color:rgb(203, 171, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 171, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 171, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 171, 206);  
box-shadow:4px 4px 4px 4px rgb(203, 171,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2786, 0.3121, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 171, 206) }
```

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

```
.background{ background-color: rgb(203,  
171, 206) }
```

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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