

Converting Colors

Yxy(48.9726, 0.3121, 0.2903)

Have a look what the booklet for
Yxy(48.9726, 0.3121, 0.2903)
contains.

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Color

Yxy(48.7759, 0.3120, 0.2899)

Conversions

Conversions Part 1

Format	Color
Hex	CEB0D1
RGB	206, 176, 209
RGB Percent	81%, 69%, 82%
CMY	0.1921, 0.3098, 0.1803
CMYK	0.01, 0.16, 0.00, 0.18
HSL	295°, 26%, 75%
HSV	295°, 16%, 82%
XYZ	52.4942, 48.7759, 66.9806
YIQ	188.7320, 7.2870, 16.6230

Conversions

Conversions Part 2

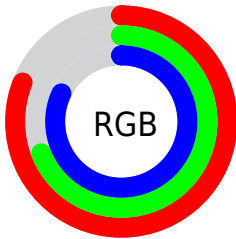
Format	Color
R_{YB}	206, 176, 209
Decimal	13545681
CIE _{Lab}	75.31, 16.65, -12.66
CIE _{LCh}	75, 20.914, 322.741
Yxy	48.7759, 0.3120, 0.2899
Android (android.graphics.Color)	4291735761 (0xFFCEB0D1)
YUV	188.7320, 9.9921, 15.1440
Hunter-Lab	69.8397, 11.9479, -7.9750

Details

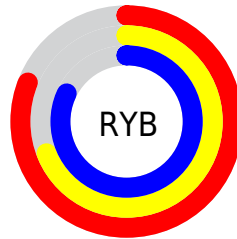
The Yxy color $48.7759, 0.3120, 0.2899$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $58.3262, 0.3130, 0.3708$, and the grayscale version is $50.6694, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1932, 0.3138, 0.3068$, and $23.2079, 0.3116, 0.2787$ is the 20% darker color. If you saturate the color by 10%, you get $40.9336, 0.3112, 0.2644$, and if you desaturate by 10%, it is $57.8876, 0.3125, 0.3149$.

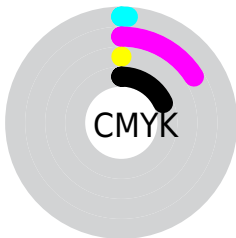
Distribution



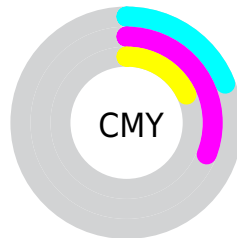
- Red (81%)
- Green (69%)
- Blue (82%)



- Red (81%)
- Yellow (69%)
- Blue (82%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7759, 0.3120, 0.2899 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 48.7759, 0.3120, 0.2899 by changing the saturation by 10% instead.


 48.7759, 0.3120,
0.2899

 48.7759, 0.3120,
0.2899

381.8594, 0.3126,
0.3087

 34.4417, 0.3118,
0.2854

 88.3585, 0.3123,
0.2966

 23.2332, 0.3115,
0.2798


114.3758, 0.3123,
0.2991

 14.7658, 0.3110,
0.2724


145.0562, 0.3124,
0.3013

 8.6552, 0.3103,
0.2626


180.7842, 0.3125,
0.3032

 4.5169, 0.3090,
0.2487

221.9441, 0.3125,
0.3049

 1.9667, 0.3065,
0.2275

268.9203, 0.3125,

 0.5880, 0.3035,

0.3063

0.1837

322.0973, 0.3126,
0.3076

■ 0.0000, 0.0000,
0.0000

■ 48.7759, 0.3120,
0.2899

■ 48.7759, 0.3120,
0.2899

■ 40.9336, 0.3112,
0.2644

■ 57.8876, 0.3125,
0.3149

■ 34.2969, 0.3102,
0.2392

■ 68.3164, 0.3128,
0.3389

■ 28.8058, 0.3089,
0.2152

■ 80.1149, 0.3130,
0.3615

■ 24.3927, 0.3074,
0.1933

■ 90.3606, 0.3132,
0.3780

■ 20.9831, 0.3055,
0.1747

■ 90.6466, 0.3144,
0.3778

■ 18.4928, 0.3035,
0.1599

■ 90.9358, 0.3156,
0.3776

■ 16.8238, 0.3013,
0.1495

■ 91.2284, 0.3168,
0.3774

■ 15.8549, 0.2990,
0.1434

■ 91.5244, 0.3180,
0.3773

■ 15.5616, 0.2980,
0.1415

■ 91.8237, 0.3192,
0.3771

Harmonies

Analogous

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



48.7759, 0.2846, 0.2817



48.7759, 0.3120, 0.2899



48.7759, 0.3408, 0.3074

Triad

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



48.7759, 0.3120, 0.2899



48.7759, 0.3615, 0.3728



48.7759, 0.2652, 0.3244

Complementary

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



48.7759, 0.3120, 0.2899



58.3262, 0.3130, 0.3708

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.



48.7759, 0.2842, 0.3518



48.7759, 0.3120, 0.2899



48.7759, 0.3397, 0.3804

Square

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



48.7759, 0.3120, 0.2899



48.7759, 0.3701, 0.3541



48.7759, 0.3113, 0.3729



48.7759, 0.2585, 0.3000

Rectangle

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



48.7759, 0.3120, 0.2899



48.7759, 0.3566, 0.3224



48.7759, 0.3113, 0.3729



48.7759, 0.2703, 0.3336

Sweetspot

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



48.7780, 0.3120, 0.2899



91.9147, 0.3125, 0.3168



46.1927, 0.2874, 0.2912



19.4395, 0.3125, 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.



48.7780, 0.3120, 0.2899



72.0647, 0.3118, 0.2812



48.5829, 0.3253, 0.3053



11.9523, 0.3124, 0.3060



9.6155, 0.2984, 0.1417



0.5539, 0.3028, 0.1442

Inverse Universe

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



47.8602, 0.3397, 0.3254



70.3681, 0.3469, 0.3246



58.5222, 0.3019, 0.3539



11.8254, 0.3277, 0.3269



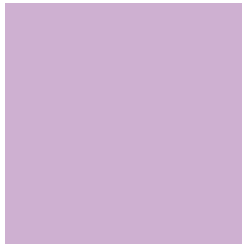
8.3930, 0.6290, 0.3239



0.4754, 0.5974, 0.3065

Previews

White Background



This preview shows how the Yxy color 48.7759, 0.3120, 0.2899 looks on a white background.

Color Contrast Check

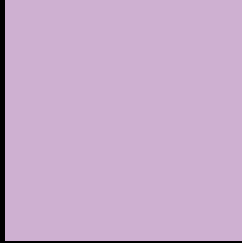
Large Text (above 18pt) WCAG AA × Fail

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 48.7759, 0.3120, 0.2899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

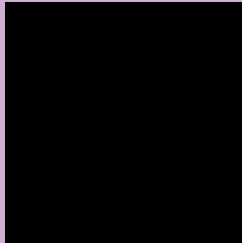
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7759, 0.3120, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 48.7759, 0.3120, 0.2899.



This preview shows how white text looks on a background with the Yxy color 48.7759, 0.3120, 0.2899.

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

48.7759, 0.3120, 0.2899

Protanopia

48.8393, 0.2873, 0.2917

Deuteranopia

48.9393, 0.3018, 0.2960



Tritanopia

48.9278, 0.3230, 0.3120

Trichromacy



Original Color

48.7759, 0.3120, 0.2899

Protanomaly

48.6200, 0.2956, 0.2910

Deuteranomaly

48.8000, 0.3060, 0.2940

Tritanomaly

48.9434, 0.3191, 0.3038

Monochromacy



Original Color

48.7759, 0.3120, 0.2899

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.8686, 0.3126, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7759, 0.3120, 0.2899 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(206, 176, 209)` looks like.

```
.text, #text, p{  
    color:rgb(206, 176, 209)  
}
```

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(206, 176, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 176, 209) }
```

Border

The CSS property to change the border of an element to Yxy 48.7759, 0.3120, 0.2899 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(206, 176, 209) }
```

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

```
.border{ border-color:rgb(206, 176, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 176, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 176, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 176, 209);  
box-shadow:4px 4px 4px 4px rgb(206, 176,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7759, 0.3120, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 176, 209) }
```

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

```
.background{ background-color: rgb(206,  
176, 209) }
```

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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