

Converting Colors

Yxy(50.7166, 0.3183, 0.2922)

Have a look what the booklet for
Yxy(50.7166, 0.3183, 0.2922)
contains.

Yxy(50.7901, 0.3178, 0.2920)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.7901, 0.3178, 0.2920)

Conversions

Conversions Part 1

Format	Color
Hex	D6B2D2
RGB	214, 178, 210
RGB Percent	84%, 70%, 82%
CMY	0.1609, 0.3019, 0.1764
CMYK	0.00, 0.17, 0.02, 0.16
HSL	307°, 30%, 77%
HSV	307°, 17%, 84%
XYZ	55.2777, 50.7901, 67.8709
YIQ	192.4120, 11.1840, 17.5840

Conversions

Conversions Part 2

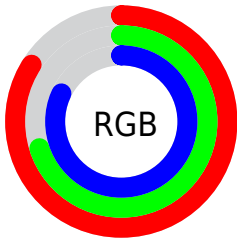
Format	Color
RYB	214, 178, 210
Decimal	14070482
CIELab	76.55, 18.43, -11.27
CIELCh	77, 21.602, 328.541
Yxy	50.7901, 0.3178, 0.2920
Android (android.graphics.Color)	4292260562 (0xFFD6B2D2)
YUV	192.4120, 8.6709, 18.9327
Hunter-Lab	71.2672, 13.7343, -6.5775

Details

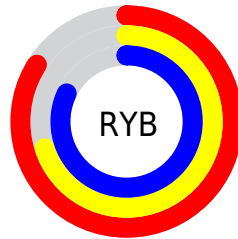
The Yxy color **50.7901, 0.3178, 0.2920** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.9175, 0.3080, 0.3690**, and the grayscale version is **52.9088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **24.4385, 0.3184, 0.2816** is the 20% darker color. If you saturate the color by 10%, you get **42.8142, 0.3213, 0.2694**, and if you desaturate by 10%, it is **60.1002, 0.3146, 0.3143**.

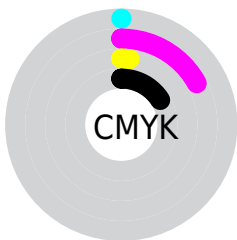
Distribution



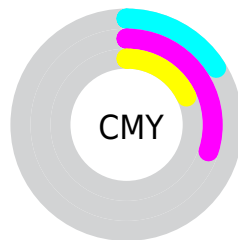
- Red (84%)
- Green (70%)
- Blue (82%)



- Red (84%)
- Yellow (70%)
- Blue (82%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (16%)





- Cyan (16%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7901, 0.3178, 0.2920 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 50.7901, 0.3178, 0.2920 by changing the saturation by 10% instead.


 50.7901, 0.3178,
0.2920

 50.7901, 0.3178,
0.2920


389.7477, 0.3155,
0.3097

 36.0416, 0.3183,
0.2878


 91.3444, 0.3170,
0.2983

 24.4663, 0.3189,
0.2826


117.9190, 0.3167,
0.3007

 15.6799, 0.3196,
0.2758

149.2045, 0.3165,
0.3027

 9.2979, 0.3205,
0.2667

185.5851, 0.3162,
0.3045

 4.9360, 0.3216,
0.2539

227.4454, 0.3160,
0.3060

 2.2098, 0.3229,
0.2346

275.1696, 0.3158,

 0.7253, 0.3249,

0.3074

329.1423, 0.3157,
0.3086

0.2005

0.0000, 0.1893,
0.0000

0.0000, 0.0000,
0.0000

50.7901, 0.3178,
0.2920

50.7901, 0.3178,
0.2920

42.8142, 0.3213,
0.2694

60.1002, 0.3146,
0.3143

36.1043, 0.3252,
0.2473

70.7951, 0.3119,
0.3358

30.5966, 0.3293,
0.2264

82.9312, 0.3094,
0.3561

26.2188, 0.3336,
0.2078

90.9470, 0.3076,
0.3666

■ 22.8909, 0.3379,
0.1924

■ 91.0720, 0.3063,
0.3640

■ 20.5225, 0.3421,
0.1810

■ 91.1988, 0.3050,
0.3615

■ 19.0079, 0.3461,
0.1739

■ 91.3273, 0.3037,
0.3589

■ 18.2099, 0.3498,
0.1712

■ 91.4577, 0.3024,
0.3564

■ 18.0282, 0.3510,
0.1707

■ 91.5897, 0.3011,
0.3539

Harmonies

Analogous

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



50.7901, 0.2889, 0.2816



50.7901, 0.3178, 0.2920



50.7901, 0.3465, 0.3112

Triad

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



50.7901, 0.3178, 0.2920



50.7901, 0.3590, 0.3762



50.7901, 0.2619, 0.3190

Complementary

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



50.7901, 0.3178, 0.2920



60.9175, 0.3080, 0.3690

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.



50.7901, 0.2791, 0.3470



50.7901, 0.3178, 0.2920



50.7901, 0.3349, 0.3812

Square

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



50.7901, 0.3178, 0.2920



50.7901, 0.3708, 0.3588



50.7901, 0.3056, 0.3705



50.7901, 0.2578, 0.2956

Rectangle

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



50.7901, 0.3178, 0.2920



50.7901, 0.3611, 0.3269



50.7901, 0.3056, 0.3705



50.7901, 0.2663, 0.3282

Sweetspot

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



50.7923, 0.3178, 0.2920



92.0433, 0.3141, 0.3181



46.5991, 0.2882, 0.2842



19.4708, 0.3143, 0.3166



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.



50.7923, 0.3178, 0.2920



71.3101, 0.3190, 0.2843



49.9618, 0.3323, 0.3121



12.6081, 0.3154, 0.3085



10.9107, 0.3505, 0.1705



0.6649, 0.3447, 0.1673

Inverse Universe

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



50.7923, 0.3178, 0.2920



71.3101, 0.3190, 0.2843



61.6922, 0.2965, 0.3466



12.6081, 0.3154, 0.3085



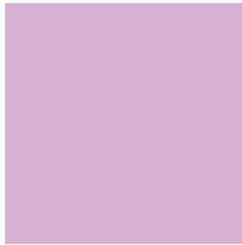
10.9107, 0.3505, 0.1705



0.6649, 0.3447, 0.1673

Previews

White Background



This preview shows how the Yxy color 50.7901, 0.3178, 0.2920 looks on a white background.

Color Contrast Check

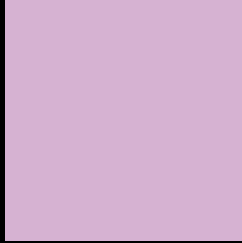
Large Text (above 18pt) WCAG AA × Fail

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 50.7901, 0.3178, 0.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

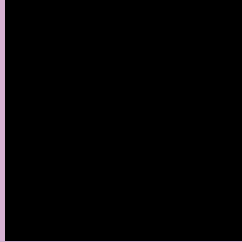
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7901, 0.3178, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 50.7901, 0.3178, 0.2920.



This preview shows how white text looks on a background with the Yxy color 50.7901, 0.3178, 0.2920.

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

50.7901, 0.3178, 0.2920

Protanopia

51.1147, 0.2891, 0.2947

Deuteranopia

50.8902, 0.3051, 0.2989



Tritanopia

50.9849, 0.3281, 0.3125

Trichromacy



Original Color

50.7901, 0.3178, 0.2920

Protanomaly

50.7381, 0.2990, 0.2929

Deuteranomaly

50.8967, 0.3101, 0.2970

Tritanomaly

50.9588, 0.3249, 0.3056

Monochromacy



Original Color

50.7901, 0.3178, 0.2920

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.9435, 0.3142, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7901, 0.3178, 0.2920 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(214, 178, 210)` looks like.

```
.text, #text, p{  
    color:rgb(214, 178, 210)  
}
```

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(214, 178, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 178, 210) }
```

Border

The CSS property to change the border of an element to Yxy 50.7901, 0.3178, 0.2920 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(214, 178, 210) }
```

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

```
.border{ border-color:rgb(214, 178, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 178, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 178, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 178, 210);  
box-shadow:4px 4px 4px 4px rgb(214, 178,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7901, 0.3178, 0.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 178, 210) }
```

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

```
.background{ background-color: rgb(214,  
178, 210) }
```

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