

Converting Colors

Yxy(50.8082, 0.3146, 0.2867)

Have a look what the booklet for
Yxy(50.8082, 0.3146, 0.2867)
contains.

Yxy(50.5955, 0.3147, 0.2864)	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(50.5955, 0.3147, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	D6B1D6
RGB	214, 177, 214
RGB Percent	84%, 69%, 84%
CMY	0.1608, 0.3059, 0.1607
CMYK	0.00, 0.17, 0.00, 0.16
HSL	300°, 31%, 77%
HSV	300°, 17%, 84%
XYZ	55.5950, 50.5955, 70.4698
YIQ	192.2810, 10.1750, 19.3510

Conversions

Conversions Part 2

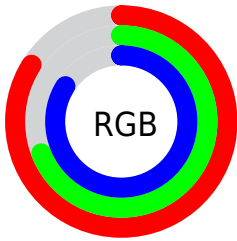
Format	Color
RYB	214, 177, 214
Decimal	14070230
CIELab	76.43, 19.73, -13.63
CIELCh	76, 23.984, 325.365
Yxy	50.5955, 0.3147, 0.2864
Android (android.graphics.Color)	4292260310 (0xFFD6B1D6)
YUV	192.2810, 10.7075, 19.0476
Hunter-Lab	71.1305, 15.0356, -8.9479

Details

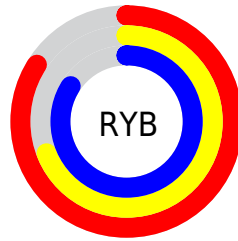
The Yxy color **50.5955, 0.3147, 0.2864** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.6290, 0.3105, 0.3756**, and the grayscale version is **52.8189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **24.2894, 0.3152, 0.2758** is the 20% darker color. If you saturate the color by 10%, you get **42.7940, 0.3159, 0.2615**, and if you desaturate by 10%, it is **59.7273, 0.3135, 0.3113**.

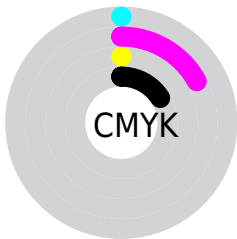
Distribution



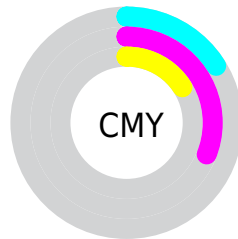
- Red (84%)
- Green (69%)
- Blue (84%)



- Red (84%)
- Yellow (69%)
- Blue (84%)



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





- Cyan (16%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5955, 0.3147, 0.2864 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 50.5955, 0.3147, 0.2864 by changing the saturation by 10% instead.


 50.5955, 0.3147,
0.2864

 50.5955, 0.3147,
0.2864


388.9902, 0.3140,
0.3067

 35.8868, 0.3148,
0.2816


 91.0566, 0.3145,
0.2936

 24.3468, 0.3149,
0.2756


117.5777, 0.3144,
0.2963

 15.5911, 0.3149,
0.2679


148.8052, 0.3143,
0.2987

 9.2352, 0.3148,
0.2577

185.1232, 0.3143,
0.3007

 4.8949, 0.3144,
0.2433

226.9164, 0.3142,
0.3025

 2.1858, 0.3134,
0.2219

274.5690, 0.3141,

 0.7122, 0.3109,

0.3041

0.1845

328.4655, 0.3141,
0.3055

0.0000, 0.1691,
0.0000

0.0000, 0.0000,
0.0000

50.5955, 0.3147,
0.2864

50.5955, 0.3147,
0.2864

42.7940, 0.3159,
0.2615

59.7273, 0.3135,
0.3113

36.2546, 0.3170,
0.2373

70.2404, 0.3124,
0.3354

30.9130, 0.3180,
0.2149

82.1913, 0.3113,
0.3584

26.6965, 0.3189,
0.1951

90.6796, 0.3107,
0.3724

■ 23.5248, 0.3197,
0.1789

■ 90.6811, 0.3107,
0.3724

■ 21.3066, 0.3202,
0.1667

■ 90.6826, 0.3107,
0.3724

■ 19.9353, 0.3206,
0.1588

■ 90.6841, 0.3107,
0.3724

■ 19.2670, 0.3208,
0.1548

■ 90.6856, 0.3107,
0.3724

■ 19.1411, 0.3208,
0.1541

■ 90.6871, 0.3107,
0.3724

Harmonies

Analogous

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



50.5955, 0.2832, 0.2761



50.5955, 0.3147, 0.2864



50.5955, 0.3471, 0.3066

Triad

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



50.5955, 0.3147, 0.2864



50.5955, 0.3663, 0.3798



50.5955, 0.2578, 0.3208

Complementary

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



50.5955, 0.3147, 0.2864



60.6290, 0.3105, 0.3756

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.



50.5955, 0.2781, 0.3522



50.5955, 0.3147, 0.2864



50.5955, 0.3405, 0.3874

Square

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



50.5955, 0.3147, 0.2864



50.5955, 0.3777, 0.3592



50.5955, 0.3081, 0.3775



50.5955, 0.2517, 0.2940

Rectangle

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



50.5955, 0.3147, 0.2864



50.5955, 0.3644, 0.3237



50.5955, 0.3081, 0.3775



50.5955, 0.2631, 0.3313

Sweetspot

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



50.5977, 0.3147, 0.2864



92.1321, 0.3133, 0.3168



45.8919, 0.2845, 0.2832



19.4925, 0.3134, 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.



50.5977, 0.3147, 0.2864



70.4587, 0.3152, 0.2766



49.7354, 0.3293, 0.3065



12.6324, 0.3138, 0.3060



11.5667, 0.3208, 0.1541



0.6977, 0.3208, 0.1541

Inverse Universe

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



48.9190, 0.3458, 0.3291



67.4828, 0.3552, 0.3291



61.3880, 0.2988, 0.3526



12.4209, 0.3291, 0.3290



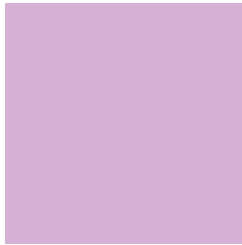
8.6413, 0.6400, 0.3299



0.5212, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 50.5955, 0.3147, 0.2864 looks on a white background.

Color Contrast Check

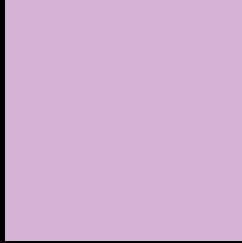
Large Text (above 18pt) WCAG AA × Fail

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 50.5955, 0.3147, 0.2864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

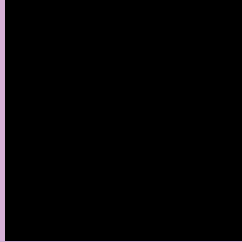
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5955, 0.3147, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 50.5955, 0.3147, 0.2864.



This preview shows how white text looks on a background with the Yxy color 50.5955, 0.3147, 0.2864.

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

50.5955, 0.3147, 0.2864

Protanopia

50.7062, 0.2841, 0.2875

Deuteranopia

50.8208, 0.3005, 0.2942



Tritanopia

50.3864, 0.3281, 0.3124

Trichromacy



Original Color

50.5955, 0.3147, 0.2864

Protanomaly

50.3983, 0.2953, 0.2871

Deuteranomaly

50.5484, 0.3062, 0.2911

Tritanomaly

50.4543, 0.3233, 0.3032

Monochromacy



Original Color

50.5955, 0.3147, 0.2864

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.9901, 0.3135, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5955, 0.3147, 0.2864 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, 177, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 177, 214)  
}
```

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, 177, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 177, 214) }
```

Border

The CSS property to change the border of an element to Yxy 50.5955, 0.3147, 0.2864 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, 177, 214) }
```

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

```
.border{ border-color:rgb(214, 177, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 177, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 177, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 177, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 177,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5955, 0.3147, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 177, 214) }
```

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

```
.background{ background-color: rgb(214,  
177, 214) }
```

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