

Converting Colors

$Yxy(47.9077, 0.3123, 0.2772)$

Have a look what the booklet for
Yxy(47.9077, 0.3123, 0.2772)
contains.

Yxy(48.0292, 0.3125, 0.2781)	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(48.0292, 0.3125, 0.2781)

Conversions

Conversions Part 1

Format	Color
Hex	D4ABD7
RGB	212, 171, 215
RGB Percent	83%, 67%, 84%
CMY	0.1688, 0.3293, 0.1569
CMYK	0.01, 0.20, 0.00, 0.16
HSL	296°, 35%, 76%
HSV	296°, 20%, 84%
XYZ	53.9702, 48.0292, 70.7053
YIQ	188.2750, 10.3120, 22.3760

Conversions

Conversions Part 2

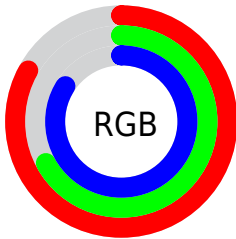
Format	Color
R _Y B	212, 171, 215
Decimal	13937623
CIE Lab	74.84, 22.47, -16.57
CIE LCh	75, 27.919, 323.606
Yxy	48.0292, 0.3125, 0.2781
Android (android.graphics.Color)	4292127703 (0xFFD4ABD7)
YUV	188.2750, 13.1754, 20.8068
Hunter-Lab	69.3031, 17.7276, -11.9775

Details

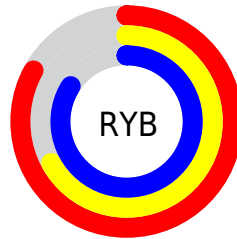
The Yxy color **48.0292, 0.3125, 0.2781** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.5382, 0.3123, 0.3849**, and the grayscale version is **50.3725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **22.6630, 0.3122, 0.2647** is the 20% darker color. If you saturate the color by 10%, you get **40.3395, 0.3121, 0.2528**, and if you desaturate by 10%, it is **57.0460, 0.3127, 0.3034**.

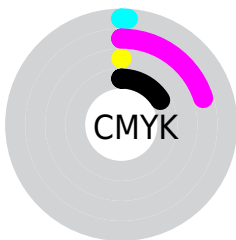
Distribution



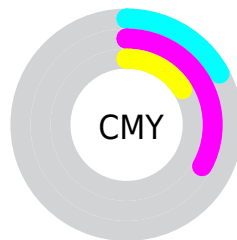
- Red (83%)
- Green (67%)
- Blue (84%)



- Red (83%)
- Yellow (67%)
- Blue (84%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)





- Cyan (17%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.0292, 0.3125, 0.2781 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 48.0292, 0.3125, 0.2781 by changing the saturation by 10% instead.

 48.0292, 0.3125,
0.2781

 48.0292, 0.3125,
0.2781

378.9079, 0.3130,
0.3024

 33.8500, 0.3123,
0.2724


 87.2479, 0.3128,
0.2867

 22.7784, 0.3119,
0.2652


113.0562, 0.3128,
0.2900

 14.4300, 0.3113,
0.2560


143.5096, 0.3129,
0.2928

 8.4203, 0.3104,
0.2437

178.9926, 0.3129,
0.2952

 4.3651, 0.3087,
0.2265

219.8895, 0.3130,
0.2974

 1.8798, 0.3052,
0.2010

266.5848, 0.3130,

 0.5362, 0.3007,

0.2992

0.1496

319.4627, 0.3130,
0.3009

0.0000, 0.0111,
0.0000

0.0000, 0.0000,
0.0000

48.0292, 0.3125,
0.2781

48.0292, 0.3125,
0.2781

40.3395, 0.3121,
0.2528

57.0460, 0.3127,
0.3034

33.9068, 0.3115,
0.2282

67.4431, 0.3127,
0.3279

28.6643, 0.3107,
0.2054

79.2785, 0.3126,
0.3513

24.5362, 0.3096,
0.1854

91.3116, 0.3125,
0.3711

■ 21.4382, 0.3083,
0.1689

■ 91.5403, 0.3134,
0.3710

■ 19.2737, 0.3068,
0.1567

■ 91.7710, 0.3144,
0.3709

■ 17.9283, 0.3052,
0.1488

■ 92.0038, 0.3153,
0.3707

■ 17.2135, 0.3036,
0.1446

■ 92.2386, 0.3162,
0.3706

■ 92.4754, 0.3171,
0.3705

Harmonies

Analogous

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



48.0292, 0.2759, 0.2668



48.0292, 0.3125, 0.2781



48.0292, 0.3513, 0.3010

Triad

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



48.0292, 0.3125, 0.2781



48.0292, 0.3773, 0.3876



48.0292, 0.2491, 0.3210

Complementary

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



48.0292, 0.3125, 0.2781



60.5382, 0.3123, 0.3849

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.



48.0292, 0.2735, 0.3587



48.0292, 0.3125, 0.2781



48.0292, 0.3473, 0.3986

Square

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



48.0292, 0.3125, 0.2781



48.0292, 0.3899, 0.3623



48.0292, 0.3092, 0.3884



48.0292, 0.2411, 0.2888

Rectangle

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



48.0292, 0.3125, 0.2781



48.0292, 0.3725, 0.3206



48.0292, 0.3092, 0.3884



48.0292, 0.2556, 0.3336

Sweetspot

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



48.0313, 0.3125, 0.2781



90.4248, 0.3127, 0.3143



44.1037, 0.2790, 0.2776



19.1414, 0.3127, 0.3127



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.



48.0313, 0.3125, 0.2781



65.0291, 0.3123, 0.2659



47.5950, 0.3305, 0.2989



12.5872, 0.3127, 0.3060



10.3163, 0.3038, 0.1447



0.6356, 0.3070, 0.1465

Inverse Universe

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



46.6367, 0.3506, 0.3255



62.5995, 0.3622, 0.3246



60.9427, 0.2983, 0.3612



12.4345, 0.3280, 0.3274



8.6670, 0.6321, 0.3256



0.5277, 0.6085, 0.3126

Previews

White Background



This preview shows how the Yxy color 48.0292, 0.3125, 0.2781 looks on a white background.

Color Contrast Check

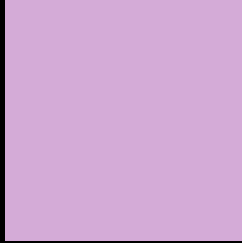
Large Text (above 18pt) WCAG AA × Fail

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 48.0292, 0.3125, 0.2781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

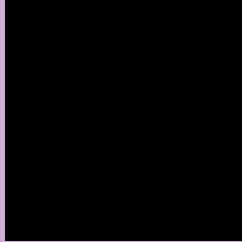
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0292, 0.3125, 0.2781

Background



This preview shows how black text looks on a background with the Yxy color 48.0292, 0.3125, 0.2781.



This preview shows how white text looks on a background with the Yxy color 48.0292, 0.3125, 0.2781.

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

48.0292, 0.3125, 0.2781

Protanopia

48.4248, 0.2780, 0.2796

Deuteranopia

48.2654, 0.2949, 0.2886



Tritanopia

48.1347, 0.3302, 0.3133

Trichromacy



Original Color

48.0292, 0.3125, 0.2781

Protanomaly

48.2263, 0.2898, 0.2794

Deuteranomaly

48.1696, 0.3006, 0.2845

Tritanomaly

47.9046, 0.3237, 0.3004

Monochromacy



Original Color

48.0292, 0.3125, 0.2781

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.4034, 0.3128, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0292, 0.3125, 0.2781 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(212, 171, 215)` looks like.

```
.text, #text, p{  
    color:rgb(212, 171, 215)  
}
```

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(212, 171, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 171, 215) }
```

Border

The CSS property to change the border of an element to Yxy 48.0292, 0.3125, 0.2781 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(212, 171, 215) }
```

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

```
.border{ border-color:rgb(212, 171, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 171, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 171, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 171, 215);  
box-shadow:4px 4px 4px 4px rgb(212, 171,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0292, 0.3125, 0.2781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 171, 215) }
```

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

```
.background{ background-color: rgb(212,  
171, 215) }
```

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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