

Converting Colors

$Y_{xy}(47.5455, 0.3276, 0.2961)$

Have a look what the booklet for
Yxy(47.5455, 0.3276, 0.2961)
contains.

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Color

Yxy(47.5455, 0.3276, 0.2961)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D6ABC7 |
| RGB | 214, 171, 199 |
| RGB Percent | 84%, 67%, 78% |
| CMY | 0.1607, 0.3294, 0.2197 |
| CMYK | 0.00, 0.20, 0.07, 0.16 |
| HSL | 321°, 34%, 75% |
| HSV | 321°, 20%, 84% |
| XYZ | 52.6035, 47.5455, 60.4234 |
| YIQ | 187.0490, 16.6400, 17.8240 |

Conversions

Conversions Part 2

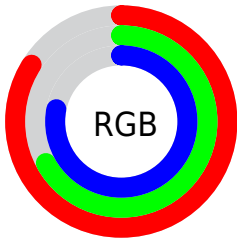
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 214, 171, 199 |
| Decimal | 14068679 |
| CIE Lab | 74.54, 20.27, -8.25 |
| CIE LCh | 75, 21.884, 337.840 |
| Yxy | 47.5455, 0.3276, 0.2961 |
| Android (android.graphics.Color) | 4292258759 (0xFFD6ABC7) |
| YUV | 187.0490, 5.8918, 23.6360 |
| Hunter-Lab | 68.9532, 15.5071, -3.6883 |

Details

The Yxy color **47.5455, 0.3276, 0.2961** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.3044, 0.3004, 0.3644**, and the grayscale version is **49.6834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **22.6089, 0.3317, 0.2884** is the 20% darker color. If you saturate the color by 10%, you get **39.7674, 0.3370, 0.2790**, and if you desaturate by 10%, it is **56.6538, 0.3196, 0.3128**.

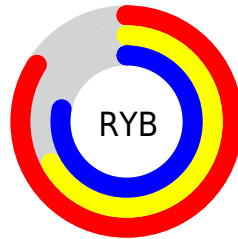
Distribution



Red (84%)

Green (67%)

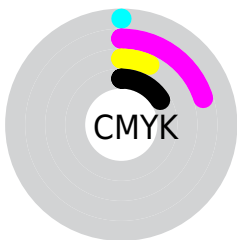
Blue (78%)



Red (84%)

Yellow (67%)

Blue (78%)

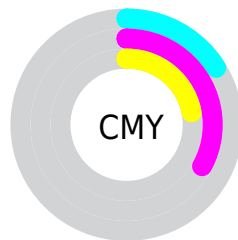


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (16%)



Cyan (16%)


Magenta (33%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5455, 0.3276, 0.2961 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 47.5455, 0.3276, 0.2961 by changing the saturation by 10% instead.

 47.5455, 0.3276,
0.2961

 47.5455, 0.3276,
0.2961


376.9878, 0.3204,
0.3121

 33.4671, 0.3293,
0.2923


 86.5273, 0.3250,
0.3018

 22.4845, 0.3315,
0.2874

112.1995, 0.3241,
0.3040

 14.2133, 0.3344,
0.2811


142.5051, 0.3232,
0.3058

 8.2692, 0.3382,
0.2725

177.8285, 0.3225,
0.3074

 4.2677, 0.3438,
0.2602

218.5541, 0.3219,
0.3088

 1.8244, 0.3523,
0.2412

265.0662, 0.3213,

 0.5023, 0.3745,

0.3100

0.1921

317.7493, 0.3208,
0.3111

0.0000, 0.0000,
0.0000

47.5455, 0.3276,
0.2961

47.5455, 0.3276,
0.2961

39.7674, 0.3370,
0.2790

56.6538, 0.3196,
0.3128

33.2502, 0.3480,
0.2622

67.1449, 0.3128,
0.3289

27.9275, 0.3604,
0.2463

79.0763, 0.3071,
0.3439

23.7245, 0.3742,
0.2325

91.4697, 0.3024,
0.3563

20.5579, 0.3891,
0.2219

91.8964, 0.2983,
0.3483

■ 18.3327, 0.4046,
0.2154

■ 92.3414, 0.2942,
0.3404

■ 16.9359, 0.4201,
0.2140

■ 92.8048, 0.2902,
0.3327

■ 16.1679, 0.4351,
0.2170

■ 93.0380, 0.2883,
0.3289

Harmonies

Analogous

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



47.5455, 0.2968, 0.2822



47.5455, 0.3276, 0.2961



47.5455, 0.3554, 0.3179

Triad

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



47.5455, 0.3276, 0.2961



47.5455, 0.3540, 0.3811



47.5455, 0.2573, 0.3101

Complementary

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



47.5455, 0.3276, 0.2961



60.3044, 0.3004, 0.3644

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.



47.5455, 0.2711, 0.3386



47.5455, 0.3276, 0.2961



47.5455, 0.3264, 0.3815

Square

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



47.5455, 0.3276, 0.2961



47.5455, 0.3708, 0.3664



47.5455, 0.2961, 0.3656



47.5455, 0.2575, 0.2889

Rectangle

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



47.5455, 0.3276, 0.2961



47.5455, 0.3678, 0.3347



47.5455, 0.2961, 0.3656



47.5455, 0.2604, 0.3192

Sweetspot

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



47.5476, 0.3276, 0.2961



90.2840, 0.3167, 0.3194



44.3394, 0.2909, 0.2757



19.1081, 0.3171, 0.3183



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.



47.5476, 0.3276, 0.2961



65.6725, 0.3313, 0.2890



46.6464, 0.3459, 0.3205



12.5555, 0.3191, 0.3139



9.7916, 0.4329, 0.2159



0.6060, 0.4087, 0.2025

Inverse Universe

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



47.5476, 0.3276, 0.2961



65.6725, 0.3313, 0.2890



61.2550, 0.2872, 0.3378



12.5555, 0.3191, 0.3139



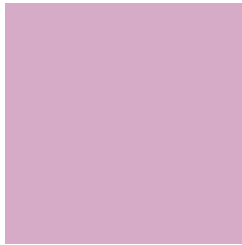
9.7916, 0.4329, 0.2159



0.6060, 0.4087, 0.2025

Previews

White Background



This preview shows how the Yxy color 47.5455, 0.3276, 0.2961 looks on a white background.

Color Contrast Check

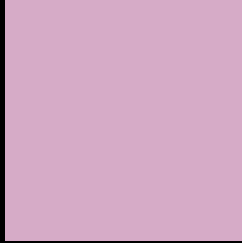
Large Text (above 18pt) WCAG AA × Fail

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 47.5455, 0.3276, 0.2961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

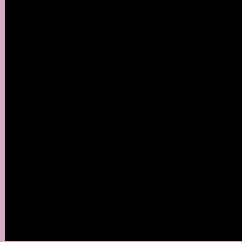
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5455, 0.3276, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 47.5455, 0.3276, 0.2961.



This preview shows how white text looks on a background with the Yxy color 47.5455, 0.3276, 0.2961.

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

47.5455, 0.3276, 0.2961

Protanopia

47.6154, 0.2929, 0.2987

Deuteranopia

47.5201, 0.3113, 0.3043



Tritanopia

47.4720, 0.3359, 0.3123

Trichromacy



Original Color

47.5455, 0.3276, 0.2961

Protanomaly

47.3591, 0.3049, 0.2981

Deuteranomaly

47.2937, 0.3175, 0.3010

Tritanomaly

47.4128, 0.3335, 0.3064

Monochromacy



Original Color

47.5455, 0.3276, 0.2961

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.6797, 0.3184, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5455, 0.3276, 0.2961 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, 171, 199)` looks like.

```
.text, #text, p{  
    color:rgb(214, 171, 199)  
}
```

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, 171, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 171, 199) }
```

Border

The CSS property to change the border of an element to Yxy 47.5455, 0.3276, 0.2961 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, 171, 199) }
```

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

```
.border{ border-color:rgb(214, 171, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 171, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 171, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 171, 199);  
box-shadow:4px 4px 4px 4px rgb(214, 171,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5455, 0.3276, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 171, 199) }
```

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

```
.background{ background-color: rgb(214,  
171, 199) }
```

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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