

Converting Colors

$Y_{xy}(43.2275, 0.3175, 0.2863)$

Have a look what the booklet for
Yxy(43.2275, 0.3175, 0.2863)
contains.

Yxy(43.2310, 0.3174, 0.2863)	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(43.2310, 0.3174, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	CAA4C7
RGB	202, 164, 199
RGB Percent	79%, 64%, 78%
CMY	0.2081, 0.3567, 0.2197
CMYK	0.00, 0.19, 0.01, 0.21
HSL	305°, 26%, 72%
HSV	305°, 19%, 79%
XYZ	47.9271, 43.2310, 59.8409
YIQ	179.3520, 11.4130, 18.9410

Conversions

Conversions Part 2

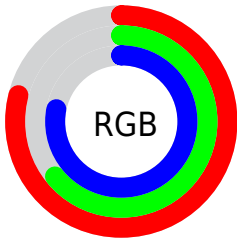
Format	Color
R _Y B	202, 164, 199
Decimal	13280455
CIE Lab	71.71, 19.90, -12.60
CIE LCh	72, 23.555, 327.671
Yxy	43.2310, 0.3174, 0.2863
Android (android.graphics.Color)	4291470535 (0xFFCAA4C7)
YUV	179.3520, 9.6865, 19.8623
Hunter-Lab	65.7503, 15.0502, -7.9360

Details

The Yxy color $43.2310, 0.3174, 0.2863$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $52.8972, 0.3083, 0.3758$, and the grayscale version is $45.2178, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1430, 0.3144, 0.2940$, and $19.9286, 0.3190, 0.2750$ is the 20% darker color. If you saturate the color by 10%, you get $36.4954, 0.3203, 0.2632$, and if you desaturate by 10%, it is $51.1188, 0.3148, 0.3093$.

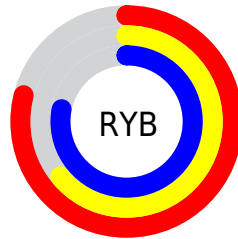
Distribution



Red (79%)

Green (64%)

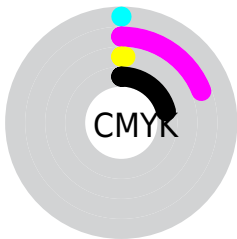
Blue (78%)



Red (79%)

Yellow (64%)

Blue (78%)

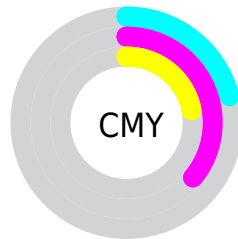


Cyan (0%)

Magenta (19%)

Yellow (1%)

Black (21%)



Cyan (21%)


Magenta (36%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2310, 0.3174, 0.2863 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 43.2310, 0.3174, 0.2863 by changing the saturation by 10% instead.


 43.2310, 0.3174,
0.2863


 43.2310, 0.3174,
0.2863


359.5609, 0.3153,
0.3072

 30.0664, 0.3178,
0.2812


 80.0593, 0.3167,
0.2938

 19.8890, 0.3183,
0.2748


 104.4919, 0.3164,
0.2966

 12.3144, 0.3189,
0.2664


133.4491, 0.3162,
0.2990

 6.9582, 0.3196,
0.2549

167.3156, 0.3160,
0.3011

 3.4359, 0.3203,
0.2383

206.4756, 0.3158,
0.3029

 1.3633, 0.3207,
0.2125

251.3136, 0.3156,

 0.1895, 0.3419,

0.3045

0.0973

302.2139, 0.3155,
0.3059

0.0000, 0.0000,
0.0000

43.2310, 0.3174,
0.2863

43.2310, 0.3174,
0.2863

36.4954, 0.3203,
0.2632

51.1188, 0.3148,
0.3093

30.8522, 0.3233,
0.2407

60.2036, 0.3124,
0.3317

26.2451, 0.3265,
0.2197

70.5347, 0.3104,
0.3529

22.6101, 0.3298,
0.2013

82.1570, 0.3085,
0.3728

19.8766, 0.3330,
0.1862

88.5656, 0.3073,
0.3815

■ 17.9639, 0.3360,
0.1752

■ 88.6429, 0.3064,
0.3797

■ 16.7774, 0.3388,
0.1686

■ 88.7210, 0.3055,
0.3779

■ 16.1638, 0.3413,
0.1658

■ 88.7998, 0.3047,
0.3761

■ 16.1017, 0.3416,
0.1656

■ 88.8794, 0.3038,
0.3744

Harmonies

Analogous

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



43.2310, 0.2845, 0.2747



43.2310, 0.3174, 0.2863



43.2310, 0.3507, 0.3078

Triad

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



43.2310, 0.3174, 0.2863



43.2310, 0.3665, 0.3827



43.2310, 0.2550, 0.3180

Complementary

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



43.2310, 0.3174, 0.2863



52.8972, 0.3083, 0.3758

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.



43.2310, 0.2748, 0.3506



43.2310, 0.3174, 0.2863



43.2310, 0.3389, 0.3894

Square

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



43.2310, 0.3174, 0.2863



43.2310, 0.3797, 0.3621



43.2310, 0.3053, 0.3778



43.2310, 0.2499, 0.2910

Rectangle

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



43.2310, 0.3174, 0.2863



43.2310, 0.3679, 0.3256



43.2310, 0.3053, 0.3778



43.2310, 0.2601, 0.3288

Sweetspot

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



43.2329, 0.3174, 0.2863



90.5471, 0.3141, 0.3154



38.9910, 0.2841, 0.2784



19.1704, 0.3143, 0.3139



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.



43.2329, 0.3174, 0.2863



67.8271, 0.3187, 0.2758



42.4241, 0.3338, 0.3085



11.3881, 0.3149, 0.3079



10.3744, 0.3413, 0.1654



0.5398, 0.3369, 0.1630

Inverse Universe

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



43.2329, 0.3174, 0.2863



67.8271, 0.3187, 0.2758



53.6322, 0.2956, 0.3505



11.3881, 0.3149, 0.3079



10.3744, 0.3413, 0.1654



0.5398, 0.3369, 0.1630

Previews

White Background



This preview shows how the Yxy color 43.2310, 0.3174, 0.2863 looks on a white background.

Color Contrast Check

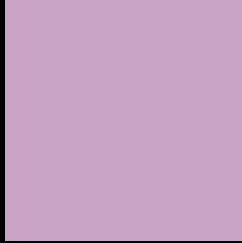
Large Text (above 18pt) WCAG AA × Fail

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 43.2310, 0.3174, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

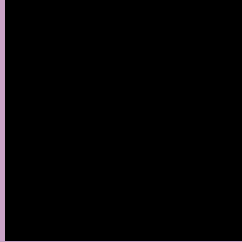
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2310, 0.3174, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 43.2310, 0.3174, 0.2863.



This preview shows how white text looks on a background with the Yxy color 43.2310, 0.3174, 0.2863.

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

43.2310, 0.3174, 0.2863

Protanopia

43.2744, 0.2845, 0.2873

Deuteranopia

43.2703, 0.3013, 0.2944



Tritanopia

43.0748, 0.3310, 0.3126

Trichromacy



Original Color

43.2310, 0.3174, 0.2863

Protanomaly

43.0063, 0.2965, 0.2869

Deuteranomaly

43.0296, 0.3074, 0.2911

Tritanomaly

43.1397, 0.3259, 0.3028

Monochromacy



Original Color

43.2310, 0.3174, 0.2863

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.3821, 0.3143, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2310, 0.3174, 0.2863 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(202, 164, 199)` looks like.

```
.text, #text, p{  
    color:rgb(202, 164, 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(202, 164, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 164, 199) }
```

Border

The CSS property to change the border of an element to Yxy 43.2310, 0.3174, 0.2863 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(202, 164, 199) }
```

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

```
.border{ border-color:rgb(202, 164, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 164, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 164, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 164, 199);  
box-shadow:4px 4px 4px 4px rgb(202, 164,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2310, 0.3174, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 164, 199) }
```

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

```
.background{ background-color: rgb(202,  
164, 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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