

Converting Colors

$Yxy(43.4321, 0.3456, 0.3016)$

Have a look what the booklet for
Yxy(43.4321, 0.3456, 0.3016)
contains.

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Color

Yxy(43.3122, 0.3464, 0.3017)

Conversions

Conversions Part 1

Format	Color
Hex	D9A0B7
RGB	217, 160, 183
RGB Percent	85%, 63%, 72%
CMY	0.1490, 0.3725, 0.2825
CMYK	0.00, 0.26, 0.16, 0.15
HSL	336°, 43%, 74%
HSV	336°, 26%, 85%
XYZ	49.7294, 43.3122, 50.5189
YIQ	179.6650, 26.5890, 19.2370

Conversions

Conversions Part 2

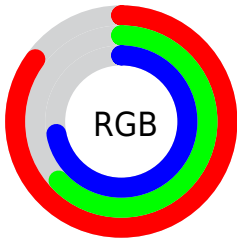
Format	Color
R _Y B	217, 160, 183
Decimal	14262455
CIE Lab	71.77, 24.59, -3.51
CIE LCh	72, 24.844, 351.876
Yxy	43.3122, 0.3464, 0.3017
Android (android.graphics.Color)	4292452535 (0xFFD9A0B7)
YUV	179.6650, 1.6442, 32.7428
Hunter-Lab	65.8120, 19.7085, 0.5559

Details

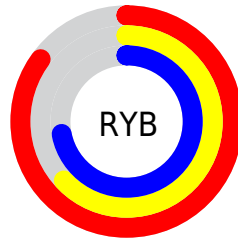
The Yxy color $43.3122, 0.3464, 0.3017$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $60.9957, 0.2880, 0.3582$, and the grayscale version is $45.4335, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.0929, 0.3254, 0.3052$, and $19.9139, 0.3558, 0.2942$ is the 20% darker color. If you saturate the color by 10%, you get $35.9202, 0.3643, 0.2908$, and if you desaturate by 10%, it is $52.0709, 0.3315, 0.3125$.

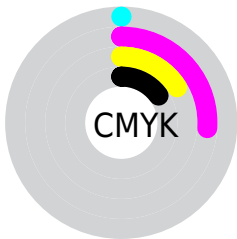
Distribution



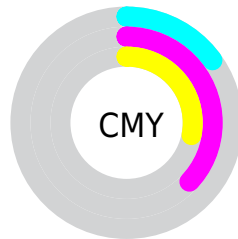
- Red (85%)
- Green (63%)
- Blue (72%)



- Red (85%)
- Yellow (63%)
- Blue (72%)



- Cyan (0%)
- Magenta (26%)
- Yellow (16%)
- Black (15%)





- Cyan (15%)
- Magenta (37%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3122, 0.3464, 0.3017 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 43.3122, 0.3464, 0.3017 by changing the saturation by 10% instead.

 43.3122, 0.3464,
0.3017


 43.3122, 0.3464,
0.3017


359.8941, 0.3295,
0.3153

 30.1301, 0.3507,
0.2983


 80.1818, 0.3402,
0.3066

 19.9374, 0.3561,
0.2940


 104.6381, 0.3379,
0.3085

 12.3495, 0.3635,
0.2883


133.6213, 0.3360,
0.3100

 6.9822, 0.3738,
0.2803

167.5157, 0.3343,
0.3114

 3.4510, 0.3892,
0.2685

206.7058, 0.3328,
0.3126

 1.3715, 0.4151,
0.2493

251.5760, 0.3316,

 0.1955, 0.5459,

0.3136

0.1358

302.5106, 0.3305,
0.3145

0.0000, 0.0000,
0.0000

43.3122, 0.3464,
0.3017

43.3122, 0.3464,
0.3017

35.9202, 0.3643,
0.2908

52.0709, 0.3315,
0.3125

29.8195, 0.3857,
0.2804

62.2550, 0.3192,
0.3228

24.9361, 0.4106,
0.2713

73.9268, 0.3092,
0.3325

21.1864, 0.4386,
0.2646

87.1433, 0.3009,
0.3415

18.4759, 0.4689,
0.2617

93.0336, 0.2939,
0.3363

■ 16.6946, 0.4997,
0.2637

■ 93.4912, 0.2900,
0.3289

■ 15.7044, 0.5288,
0.2710

■ 15.4459, 0.5393,
0.2744

Harmonies

Analogous

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



43.3122, 0.3105, 0.2809



43.3122, 0.3464, 0.3017



43.3122, 0.3739, 0.3294

Triad

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



43.3122, 0.3464, 0.3017



43.3122, 0.3466, 0.3928



43.3122, 0.2464, 0.2935

Complementary

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



43.3122, 0.3464, 0.3017



60.9957, 0.2880, 0.3582

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.



43.3122, 0.2549, 0.3238



43.3122, 0.3464, 0.3017



43.3122, 0.3117, 0.3845

Square

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



43.3122, 0.3464, 0.3017



43.3122, 0.3734, 0.3822



43.3122, 0.2783, 0.3582



43.3122, 0.2543, 0.2751

Rectangle

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



43.3122, 0.3464, 0.3017



43.3122, 0.3828, 0.3490



43.3122, 0.2783, 0.3582



43.3122, 0.2474, 0.3026

Sweetspot

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



43.3142, 0.3464, 0.3017



86.9079, 0.3213, 0.3210



41.5258, 0.2950, 0.2598



18.1083, 0.3231, 0.3195



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.



43.3142, 0.3464, 0.3017



55.7700, 0.3568, 0.2951



44.1135, 0.3673, 0.3349



13.1380, 0.3229, 0.3196



9.3701, 0.5356, 0.2724



0.6238, 0.4926, 0.2487

Inverse Universe

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



43.3142, 0.3464, 0.3017



55.7700, 0.3568, 0.2951



59.6953, 0.2739, 0.3230



13.1380, 0.3229, 0.3196



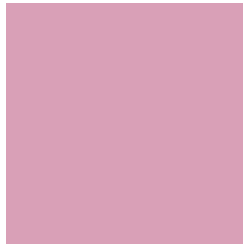
9.3701, 0.5356, 0.2724



0.6238, 0.4926, 0.2487

Previews

White Background



This preview shows how the Yxy color 43.3122, 0.3464, 0.3017 looks on a white background.

Color Contrast Check

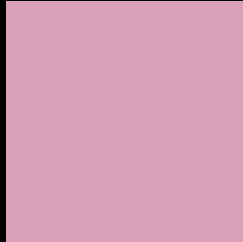
Large Text (above 18pt) WCAG AA × Fail

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 43.3122, 0.3464, 0.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

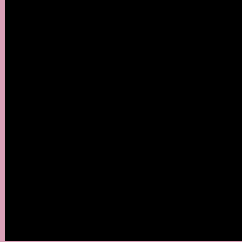
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3122, 0.3464, 0.3017

Background



This preview shows how black text looks on a background with the Yxy color 43.3122, 0.3464, 0.3017.



This preview shows how white text looks on a background with the Yxy color 43.3122, 0.3464, 0.3017.

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

43.3122, 0.3464, 0.3017

Protanopia

43.5797, 0.2992, 0.3066

Deuteranopia

43.5384, 0.3223, 0.3162



Tritanopia

43.4956, 0.3536, 0.3146

Trichromacy



Original Color

43.3122, 0.3464, 0.3017

Protanomaly

43.3707, 0.3147, 0.3047

Deuteranomaly

43.2942, 0.3302, 0.3102

Tritanomaly

43.2630, 0.3509, 0.3099

Monochromacy



Original Color

43.3122, 0.3464, 0.3017

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.5608, 0.3239, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3122, 0.3464, 0.3017 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(217, 160, 183)` looks like.

```
.text, #text, p{  
    color:rgb(217, 160, 183)  
}
```

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(217, 160, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 160, 183) }
```

Border

The CSS property to change the border of an element to Yxy 43.3122, 0.3464, 0.3017 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(217, 160, 183) }
```

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

```
.border{ border-color:rgb(217, 160, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 160, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 160, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 160, 183);  
box-shadow:4px 4px 4px 4px rgb(217, 160,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3122, 0.3464, 0.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 160, 183) }
```

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

```
.background{ background-color: rgb(217,  
160, 183) }
```

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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