

Converting Colors

Yxy(50.4402, 0.3483, 0.3120)

Have a look what the booklet for
Yxy(50.4402, 0.3483, 0.3120)
contains.

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Color

Yxy(50.4402, 0.3483, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	E4AEBD
RGB	228, 174, 189
RGB Percent	89%, 68%, 74%
CMY	0.1060, 0.3176, 0.2588
CMYK	0.00, 0.24, 0.17, 0.11
HSL	343°, 50%, 79%
HSV	343°, 24%, 89%
XYZ	56.3087, 50.4402, 54.9184
YIQ	191.8560, 27.3690, 16.1130

Conversions

Conversions Part 2

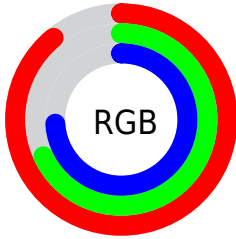
Format	Color
R _Y B	228, 174, 189
Decimal	14986941
CIE Lab	76.34, 21.92, 0.00
CIE LCh	76, 21.924, 0.006
Yxy	50.4402, 0.3483, 0.3120
Android (android.graphics.Color)	4293177021 (0xFFE4AEBD)
YUV	191.8560, -1.4080, 31.6983
Hunter-Lab	71.0213, 17.2353, 3.8679

Details

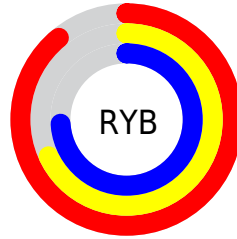
The Yxy color **50.4402, 0.3483, 0.3120** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.2710, 0.2863, 0.3468**, and the grayscale version is **52.6208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4462, 0.3202, 0.3144**, and **24.2230, 0.3582, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **41.6931, 0.3693, 0.3044**, and if you desaturate by 10%, it is **60.7678, 0.3311, 0.3195**.

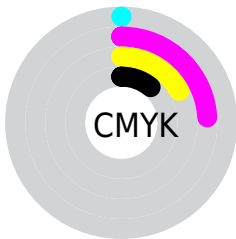
Distribution



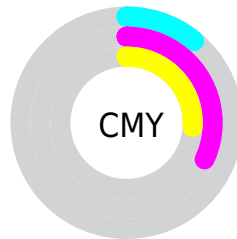
- Red (89%)
- Green (68%)
- Blue (74%)



- Red (89%)
- Yellow (68%)
- Blue (74%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (11%)





- Cyan (11%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4402, 0.3483, 0.3120 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 50.4402, 0.3483, 0.3120 by changing the saturation by 10% instead.


 50.4402, 0.3483,
0.3120

 50.4402, 0.3483,
0.3120


388.3849, 0.3307,
0.3204

 35.7633, 0.3526,
0.3099


 90.8268, 0.3420,
0.3150

 24.2514, 0.3581,
0.3073


117.3052, 0.3396,
0.3162

 15.5202, 0.3654,
0.3038


148.4863, 0.3375,
0.3171

 9.1853, 0.3754,
0.2990

184.7544, 0.3358,
0.3180

 4.8623, 0.3901,
0.2920

226.4939, 0.3343,
0.3187

 2.1667, 0.4136,
0.2808

274.0892, 0.3330,

 0.7017, 0.4615,

0.3193

0.2578

327.9248, 0.3318,
0.3199

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4402, 0.3483,
0.3120

50.4402, 0.3483,
0.3120

41.6931, 0.3693,
0.3044

60.7678, 0.3311,
0.3195

34.4414, 0.3948,
0.2971

72.7418, 0.3171,
0.3265

28.6027, 0.4249,
0.2907

86.4324, 0.3058,
0.3331

24.0836, 0.4594,
0.2862

95.2189, 0.2964,
0.3291

■ 20.7792, 0.4968,
0.2848

■ 95.2282, 0.2964,
0.3290

■ 18.5688, 0.5344,
0.2876

■ 17.3059, 0.5685,
0.2948

■ 16.8511, 0.5872,
0.3008

Harmonies

Analogous

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



50.4402, 0.3194, 0.2922



50.4402, 0.3483, 0.3120



50.4402, 0.3678, 0.3365

Triad

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



50.4402, 0.3483, 0.3120



50.4402, 0.3339, 0.3820



50.4402, 0.2570, 0.2940

Complementary

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



50.4402, 0.3483, 0.3120



69.2710, 0.2863, 0.3468

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.



50.4402, 0.2605, 0.3174



50.4402, 0.3483, 0.3120



50.4402, 0.3040, 0.3704

Square

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



50.4402, 0.3483, 0.3120



50.4402, 0.3589, 0.3776



50.4402, 0.2774, 0.3459



50.4402, 0.2674, 0.2814

Rectangle

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



50.4402, 0.3483, 0.3120



50.4402, 0.3722, 0.3528



50.4402, 0.2774, 0.3459



50.4402, 0.2566, 0.3008

Sweetspot

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



50.4425, 0.3483, 0.3120



88.3327, 0.3215, 0.3242



49.9775, 0.3029, 0.2680



18.7025, 0.3224, 0.3238



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.



50.4425, 0.3483, 0.3120



59.7080, 0.3573, 0.3086



54.5397, 0.3587, 0.3425



14.4335, 0.3249, 0.3225



9.7512, 0.5833, 0.2987



0.7360, 0.5416, 0.2757

Inverse Universe

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



50.4425, 0.3483, 0.3120



59.7080, 0.3573, 0.3086



63.8540, 0.2767, 0.3150



14.4335, 0.3249, 0.3225



9.7512, 0.5833, 0.2987



0.7360, 0.5416, 0.2757

Previews

White Background



This preview shows how the Yxy color 50.4402, 0.3483, 0.3120 looks on a white background.

Color Contrast Check

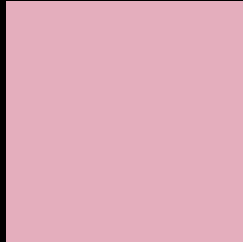
Large Text (above 18pt) WCAG AA × Fail

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 50.4402, 0.3483, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

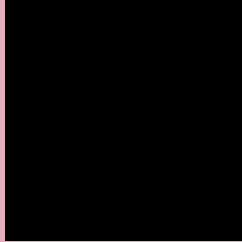
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4402, 0.3483, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 50.4402, 0.3483, 0.3120.



This preview shows how white text looks on a background with the Yxy color 50.4402, 0.3483, 0.3120.

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

50.4402, 0.3483, 0.3120

Protanopia

50.9448, 0.3075, 0.3178

Deuteranopia

50.7202, 0.3301, 0.3242



Tritanopia

50.3969, 0.3492, 0.3131

Trichromacy



Original Color

50.4402, 0.3483, 0.3120

Protanomaly

50.5994, 0.3218, 0.3157

Deuteranomaly

50.7204, 0.3366, 0.3196

Tritanomaly

50.3969, 0.3492, 0.3131

Monochromacy



Original Color

50.4402, 0.3483, 0.3120

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.4386, 0.3249, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4402, 0.3483, 0.3120 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(228, 174, 189)` looks like.

```
.text, #text, p{  
    color:rgb(228, 174, 189)  
}
```

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(228, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 174, 189) }
```

Border

The CSS property to change the border of an element to Yxy 50.4402, 0.3483, 0.3120 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(228, 174, 189) }
```

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

```
.border{ border-color:rgb(228, 174, 189) }
```

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

Here you see how a box with a 4 pixel rgb(228, 174, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(228, 174,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4402, 0.3483, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 174, 189) }
```

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

```
.background{ background-color: rgb(228,  
174, 189) }
```

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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