

Converting Colors

Yxy(52.9826, 0.3481, 0.3129)

Have a look what the booklet for
Yxy(52.9826, 0.3481, 0.3129)
contains.

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Color

Yxy(52.8469, 0.3476, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	E8B2C1
RGB	232, 178, 193
RGB Percent	91%, 70%, 76%
CMY	0.0903, 0.3019, 0.2431
CMYK	0.00, 0.23, 0.17, 0.09
HSL	343°, 54%, 80%
HSV	343°, 23%, 91%
XYZ	58.8203, 52.8469, 57.5512
YIQ	195.8560, 27.3690, 16.1130

Conversions

Conversions Part 2

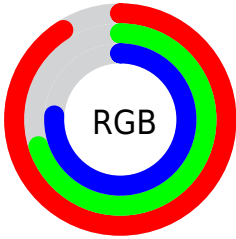
Format	Color
R _Y B	232, 178, 193
Decimal	15250113
CIE Lab	77.78, 21.84, -0.01
CIE LCh	78, 21.845, 359.976
Yxy	52.8469, 0.3476, 0.3123
Android (android.graphics.Color)	4293440193 (0xFFE8B2C1)
YUV	195.8560, -1.4080, 31.6983
Hunter-Lab	72.6959, 17.2117, 3.9490

Details

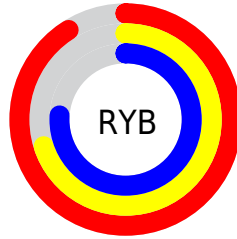
The Yxy color **52.8469, 0.3476, 0.3123** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.1798, 0.2867, 0.3464**, and the grayscale version is **55.1083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9452, 0.3174, 0.3145**, and **25.7908, 0.3569, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **43.6783, 0.3685, 0.3047**, and if you desaturate by 10%, it is **63.6660, 0.3305, 0.3198**.

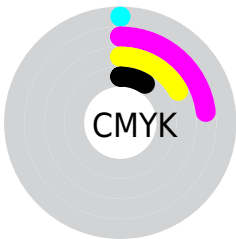
Distribution



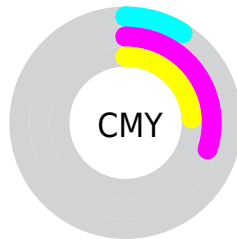
- Red (91%)
- Green (70%)
- Blue (76%)



- Red (91%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (23%)
- Yellow (17%)
- Black (9%)





- Cyan (9%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8469, 0.3476, 0.3123 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 52.8469, 0.3476, 0.3123 by changing the saturation by 10% instead.

 52.8469, 0.3476,
0.3123

 52.8469, 0.3476,
0.3123


397.6975, 0.3305,
0.3205

 37.6806, 0.3518,
0.3103


 94.3790, 0.3415,
0.3152

 25.7349, 0.3570,
0.3078

121.5136, 0.3391,
0.3164

 16.6254, 0.3640,
0.3045

153.4065, 0.3372,
0.3173

 9.9678, 0.3735,
0.2999


190.4419, 0.3355,
0.3181

 5.3776, 0.3872,
0.2933

233.0043, 0.3340,
0.3188

 2.4705, 0.4089,
0.2829

281.4781, 0.3327,

 0.8618, 0.4482,

0.3194

0.2641

336.2477, 0.3315,
0.3200

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.8469, 0.3476,
0.3123

52.8469, 0.3476,
0.3123

43.6783, 0.3685,
0.3047

63.6660, 0.3305,
0.3198

36.0718, 0.3938,
0.2973

76.2041, 0.3167,
0.3268

29.9415, 0.4238,
0.2909

90.5345, 0.3054,
0.3334

25.1903, 0.4582,
0.2864

95.8930, 0.2987,
0.3290

■ 21.7094, 0.4956,
0.2849

■ 19.3732, 0.5334,
0.2875

■ 18.0302, 0.5677,
0.2946

■ 17.5279, 0.5875,
0.3010

Harmonies

Analogous

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



52.8469, 0.3192, 0.2928



52.8469, 0.3476, 0.3123



52.8469, 0.3667, 0.3363

Triad

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



52.8469, 0.3476, 0.3123



52.8469, 0.3335, 0.3809



52.8469, 0.2580, 0.2947

Complementary

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



52.8469, 0.3476, 0.3123



72.1798, 0.2867, 0.3464

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.



52.8469, 0.2615, 0.3177



52.8469, 0.3476, 0.3123



52.8469, 0.3042, 0.3696

Square

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



52.8469, 0.3476, 0.3123



52.8469, 0.3580, 0.3766



52.8469, 0.2781, 0.3456



52.8469, 0.2683, 0.2823

Rectangle

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



52.8469, 0.3476, 0.3123



52.8469, 0.3711, 0.3524



52.8469, 0.2781, 0.3456



52.8469, 0.2576, 0.3014

Sweetspot

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



52.8493, 0.3476, 0.3123



88.3325, 0.3215, 0.3242



52.3759, 0.3031, 0.2690



18.7024, 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.



52.8493, 0.3476, 0.3123



59.7071, 0.3573, 0.3086



57.0679, 0.3578, 0.3423



14.4334, 0.3249, 0.3225



9.7508, 0.5834, 0.2987



0.7360, 0.5417, 0.2758

Inverse Universe

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



52.8493, 0.3476, 0.3123



59.7071, 0.3573, 0.3086



66.6303, 0.2773, 0.3153



14.4334, 0.3249, 0.3225



9.7508, 0.5834, 0.2987



0.7360, 0.5417, 0.2758

Previews

White Background



This preview shows how the Yxy color 52.8469, 0.3476, 0.3123 looks on a white background.

Color Contrast Check

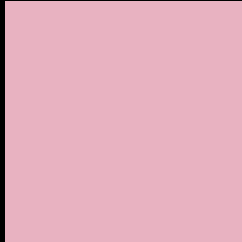
Large Text (above 18pt) WCAG AA × Fail

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 52.8469, 0.3476, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

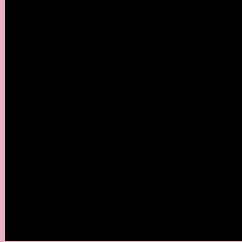
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8469, 0.3476, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 52.8469, 0.3476, 0.3123.



This preview shows how white text looks on a background with the Yxy color 52.8469, 0.3476, 0.3123.

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

52.8469, 0.3476, 0.3123

Protanopia

52.9480, 0.3077, 0.3168

Deuteranopia

52.7283, 0.3298, 0.3231



Tritanopia

52.8024, 0.3485, 0.3134

Trichromacy



Original Color

52.8469, 0.3476, 0.3123

Protanomaly

52.6049, 0.3217, 0.3148

Deuteranomaly

52.7328, 0.3363, 0.3186

Tritanomaly

52.8024, 0.3485, 0.3134

Monochromacy



Original Color

52.8469, 0.3476, 0.3123

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

53.8906, 0.3246, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8469, 0.3476, 0.3123 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(232, 178, 193)` looks like.

```
.text, #text, p{  
    color:rgb(232, 178, 193)  
}
```

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(232, 178, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 178, 193) }
```

Border

The CSS property to change the border of an element to Yxy 52.8469, 0.3476, 0.3123 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(232, 178, 193) }
```

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

```
.border{ border-color:rgb(232, 178, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 178, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 178, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 178, 193);  
box-shadow:4px 4px 4px 4px rgb(232, 178,  
193) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 52.8469, 0.3476, 0.3123$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 178, 193) }
```

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

```
.background{ background-color: rgb(232,  
178, 193) }
```

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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