

Converting Colors

Yxy(51.1580, 0.3464, 0.2935)

Have a look what the booklet for
Yxy(51.1580, 0.3464, 0.2935)
contains.

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Color

Yxy(51.1909, 0.3464, 0.2941)

Conversions

Conversions Part 1

Format	Color
Hex	EEAACA
RGB	238, 170, 202
RGB Percent	93%, 67%, 79%
CMY	0.0667, 0.3333, 0.2079
CMYK	0.00, 0.29, 0.15, 0.07
HSL	332°, 67%, 80%
HSV	332°, 29%, 93%
XYZ	60.2942, 51.1909, 62.5744
YIQ	193.9800, 30.2560, 24.3680

Conversions

Conversions Part 2

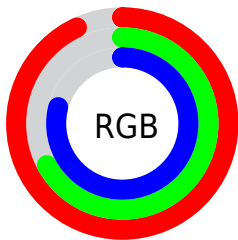
Format	Color
R _Y B	238, 170, 202
Decimal	15641290
CIE Lab	76.79, 29.64, -6.29
CIE LCh	77, 30.302, 348.019
Yxy	51.1909, 0.3464, 0.2941
Android (android.graphics.Color)	4293831370 (0xFFEEAACA)
YUV	193.9800, 3.9539, 38.6055
Hunter-Lab	71.5478, 25.2154, -1.7705

Details

The Yxy color **51.1909, 0.3464, 0.2941** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **74.1529, 0.2885, 0.3669**, and the grayscale version is **53.9003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8727, 0.3140, 0.3009**, and **24.6845, 0.3552, 0.2850** is the 20% darker color. If you saturate the color by 10%, you get **42.4899, 0.3630, 0.2815**, and if you desaturate by 10%, it is **61.5606, 0.3325, 0.3068**.

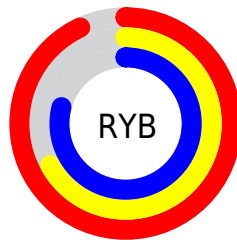
Distribution



Red (93%)

Green (67%)

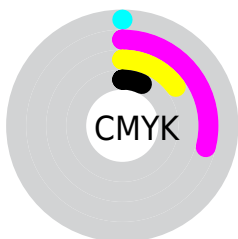
Blue (79%)



Red (93%)

Yellow (67%)

Blue (79%)

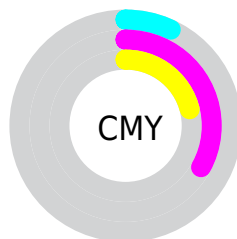


Cyan (0%)

Magenta (29%)

Yellow (15%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1909, 0.3464, 0.2941 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 51.1909, 0.3464, 0.2941 by changing the saturation by 10% instead.

 51.1909, 0.3464,
0.2941

 51.1909, 0.3464,
0.2941

391.3050, 0.3301,
0.3108

 36.3606, 0.3503,
0.2901


 91.9369, 0.3406,
0.3000

 24.7128, 0.3553,
0.2851


118.6213, 0.3383,
0.3023

 15.8632, 0.3618,
0.2787


150.0259, 0.3365,
0.3042

 9.4274, 0.3706,
0.2701

186.5351, 0.3348,
0.3059

 5.0210, 0.3833,
0.2579

228.5332, 0.3334,
0.3074

 2.2596, 0.4028,
0.2394

276.4046, 0.3321,

 0.7522, 0.4379,

0.3087

0.2071

330.5337, 0.3310,
0.3098

0.0000, 0.8786,
0.0000

0.0000, 0.0000,
0.0000

51.1909, 0.3464,
0.2941

51.1909, 0.3464,
0.2941

42.4899, 0.3630,
0.2815

61.5606, 0.3325,
0.3068

35.3622, 0.3825,
0.2695

73.6737, 0.3210,
0.3190

29.7134, 0.4049,
0.2593

87.6088, 0.3115,
0.3306

25.4363, 0.4298,
0.2519

96.7513, 0.3038,
0.3315

■ 22.4087, 0.4563,
0.2488

■ 96.9171, 0.3023,
0.3290

■ 20.4864, 0.4830,
0.2508

■ 19.4606, 0.5085,
0.2582

■ 19.3460, 0.5121,
0.2594

Harmonies

Analogous

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



51.1909, 0.3046, 0.2719



51.1909, 0.3464, 0.2941



51.1909, 0.3803, 0.3247

Triad

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



51.1909, 0.3464, 0.2941



51.1909, 0.3562, 0.4024



51.1909, 0.2371, 0.2916

Complementary

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



51.1909, 0.3464, 0.2941



74.1529, 0.2885, 0.3669

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.



51.1909, 0.2489, 0.3277



51.1909, 0.3464, 0.2941



51.1909, 0.3165, 0.3962

Square

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



51.1909, 0.3464, 0.2941



51.1909, 0.3853, 0.3869



51.1909, 0.2774, 0.3677



51.1909, 0.2437, 0.2689

Rectangle

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



51.1909, 0.3464, 0.2941



51.1909, 0.3925, 0.3470



51.1909, 0.2774, 0.3677



51.1909, 0.2390, 0.3025

Sweetspot

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



51.1932, 0.3464, 0.2941



85.4631, 0.3215, 0.3185



47.9239, 0.2893, 0.2520



17.8249, 0.3230, 0.3167



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.



51.1932, 0.3464, 0.2941



53.9838, 0.3553, 0.2870



50.2587, 0.3755, 0.3305



15.8826, 0.3219, 0.3179



10.8188, 0.5084, 0.2574



0.9200, 0.4773, 0.2403

Inverse Universe

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



51.1932, 0.3464, 0.2941



53.9838, 0.3553, 0.2870



75.2111, 0.2712, 0.3276



15.8826, 0.3219, 0.3179



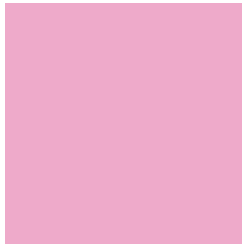
10.8188, 0.5084, 0.2574



0.9200, 0.4773, 0.2403

Previews

White Background



This preview shows how the Yxy color 51.1909, 0.3464, 0.2941 looks on a white background.

Color Contrast Check

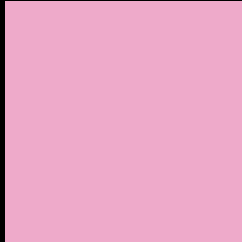
Large Text (above 18pt) WCAG AA × Fail

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 51.1909, 0.3464, 0.2941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

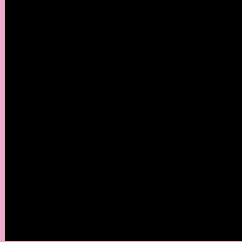
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1909, 0.3464, 0.2941

Background



This preview shows how black text looks on a background with the Yxy color 51.1909, 0.3464, 0.2941.



This preview shows how white text looks on a background with the Yxy color 51.1909, 0.3464, 0.2941.

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

51.1909, 0.3464, 0.2941

Protanopia

51.6893, 0.2921, 0.2984

Deuteranopia

51.2419, 0.3177, 0.3110



Tritanopia

51.2652, 0.3584, 0.3146

Trichromacy



Original Color

51.1909, 0.3464, 0.2941



Protanomaly

51.0882, 0.3101, 0.2959



Deuteranomaly

51.0093, 0.3276, 0.3046



Tritanomaly

51.3153, 0.3541, 0.3070

Monochromacy



Original Color

51.1909, 0.3464, 0.2941



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.4308, 0.3243, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1909, 0.3464, 0.2941 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(238, 170, 202)` looks like.

```
.text, #text, p{  
    color:rgb(238, 170, 202)  
}
```

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(238, 170, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 202) }
```

Border

The CSS property to change the border of an element to Yxy 51.1909, 0.3464, 0.2941 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(238, 170, 202) }
```

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

```
.border{ border-color:rgb(238, 170, 202) }
```

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

Here you see how a box with a 4 pixel rgb(238, 170, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 170, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 170, 202);  
box-shadow:4px 4px 4px 4px rgb(238, 170,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1909, 0.3464, 0.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 170, 202) }
```

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

```
.background{ background-color: rgb(238,  
170, 202) }
```

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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