

Converting Colors

Yxy(54.4067, 0.3327, 0.3021)

Have a look what the booklet for
Yxy(54.4067, 0.3327, 0.3021)
contains.

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Color

Yxy(54.4061, 0.3326, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	E4B6CE
RGB	228, 182, 206
RGB Percent	89%, 71%, 81%
CMY	0.1056, 0.2864, 0.1921
CMYK	0.00, 0.20, 0.10, 0.11
HSL	329°, 46%, 80%
HSV	329°, 20%, 89%
XYZ	59.8791, 54.4061, 65.7482
YIQ	198.4900, 19.7120, 17.2160

Conversions

Conversions Part 2

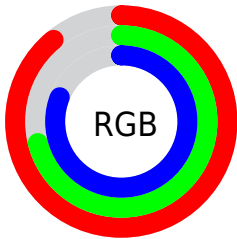
Format	Color
R _Y B	228, 182, 206
Decimal	14989006
CIE Lab	78.70, 20.45, -5.77
CIE LCh	79, 21.248, 344.233
Yxy	54.4061, 0.3326, 0.3022
Android (android.graphics.Color)	4293179086 (0xFFE4B6CE)
YUV	198.4900, 3.7024, 25.8803
Hunter-Lab	73.7605, 15.8263, -1.2172

Details

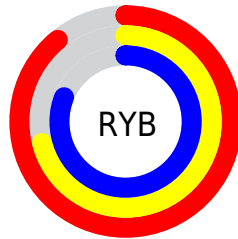
The Yxy color $54.4061, 0.3326, 0.3022$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $69.8237, 0.2967, 0.3575$, and the grayscale version is $56.7580, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $26.7382, 0.3373, 0.2954$ is the 20% darker color. If you saturate the color by 10%, you get $45.3049, 0.3455, 0.2882$, and if you desaturate by 10%, it is $65.0700, 0.3218, 0.3158$.

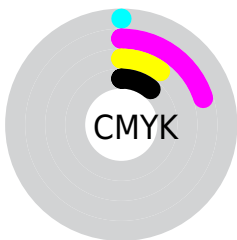
Distribution



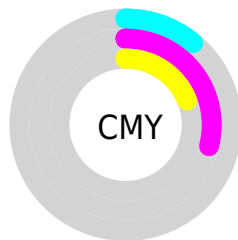
- Red (89%)
- Green (71%)
- Blue (81%)



- Red (89%)
- Yellow (71%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (10%)
- Black (11%)




- Cyan (11%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4061, 0.3326, 0.3022 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 54.4061, 0.3326, 0.3022 by changing the saturation by 10% instead.


 54.4061, 0.3326,
0.3022

 54.4061, 0.3326,
0.3022


403.6567, 0.3231,
0.3150

 38.9264, 0.3349,
0.2992


 96.6703, 0.3292,
0.3067

 26.7025, 0.3377,
0.2954


124.2235, 0.3279,
0.3084

 17.3499, 0.3414,
0.2905


156.5701, 0.3268,
0.3099

 10.4843, 0.3464,
0.2840

194.0944, 0.3259,
0.3112

 5.7212, 0.3535,
0.2748

237.1808, 0.3250,
0.3123

 2.6763, 0.3644,
0.2610

286.2138, 0.3243,

 0.9652, 0.3829,

0.3133

0.2378

341.5776, 0.3236,
0.3142

0.0000, 0.5948,
0.0000

0.0000, 0.0000,
0.0000

54.4061, 0.3326,
0.3022

54.4061, 0.3326,
0.3022

45.3049, 0.3455,
0.2882

65.0700, 0.3218,
0.3158

37.6849, 0.3607,
0.2744

77.3587, 0.3129,
0.3287

31.4681, 0.3784,
0.2614

91.3397, 0.3055,
0.3408

26.5665, 0.3985,
0.2504

94.9045, 0.2993,
0.3343

■ 22.8817, 0.4206,
0.2424

■ 95.2440, 0.2964,
0.3290

■ 20.3017, 0.4440,
0.2389

■ 18.6931, 0.4674,
0.2406

■ 17.8350, 0.4895,
0.2470

Harmonies

Analogous

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



54.4061, 0.3039, 0.2873



54.4061, 0.3326, 0.3022



54.4061, 0.3566, 0.3237

Triad

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



54.4061, 0.3326, 0.3022



54.4061, 0.3462, 0.3786



54.4061, 0.2600, 0.3066

Complementary

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



54.4061, 0.3326, 0.3022



69.8237, 0.2967, 0.3575

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.



54.4061, 0.2703, 0.3322



54.4061, 0.3326, 0.3022



54.4061, 0.3195, 0.3756

Square

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



54.4061, 0.3326, 0.3022



54.4061, 0.3645, 0.3676



54.4061, 0.2918, 0.3582



54.4061, 0.2631, 0.2888

Rectangle

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



54.4061, 0.3326, 0.3022



54.4061, 0.3662, 0.3395



54.4061, 0.2918, 0.3582



54.4061, 0.2620, 0.3146

Sweetspot

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



54.4085, 0.3326, 0.3022



90.1612, 0.3179, 0.3213



51.8169, 0.2955, 0.2759



19.0791, 0.3185, 0.3204



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.



54.4085, 0.3326, 0.3022



65.2305, 0.3374, 0.2967



53.3919, 0.3516, 0.3274



14.4930, 0.3211, 0.3168



10.3165, 0.4863, 0.2452



0.7811, 0.4555, 0.2283

Inverse Universe

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



54.4085, 0.3326, 0.3022



65.2305, 0.3374, 0.2967



70.9828, 0.2835, 0.3307



14.4930, 0.3211, 0.3168



10.3165, 0.4863, 0.2452



0.7811, 0.4555, 0.2283

Previews

White Background



This preview shows how the Yxy color 54.4061, 0.3326, 0.3022 looks on a white background.

Color Contrast Check

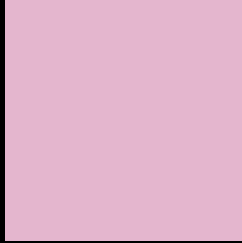
Large Text (above 18pt) WCAG AA × Fail

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 54.4061, 0.3326, 0.3022 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 54.4061, 0.3326, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 54.4061, 0.3326, 0.3022.



This preview shows how white text looks on a background with the Yxy color 54.4061, 0.3326, 0.3022.

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

54.4061, 0.3326, 0.3022

Protanopia

54.7251, 0.2982, 0.3062

Deuteranopia

54.5046, 0.3177, 0.3103



Tritanopia

54.2751, 0.3382, 0.3121

Trichromacy



Original Color

54.4061, 0.3326, 0.3022

Protanomaly

54.6019, 0.3106, 0.3056

Deuteranomaly

54.2773, 0.3237, 0.3072

Tritanomaly

54.4149, 0.3357, 0.3088

Monochromacy



Original Color

54.4061, 0.3326, 0.3022

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.4716, 0.3197, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4061, 0.3326, 0.3022 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, 182, 206)` looks like.

```
.text, #text, p{  
    color:rgb(228, 182, 206)  
}
```

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, 182, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 182, 206) }
```

Border

The CSS property to change the border of an element to Yxy 54.4061, 0.3326, 0.3022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

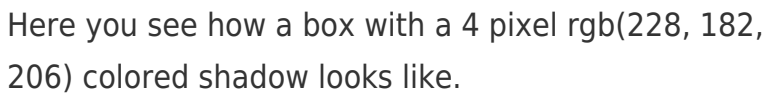
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 182, 206) }
```

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

```
.border{ border-color:rgb(228, 182, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 182, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 182, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 182, 206);  
box-shadow:4px 4px 4px 4px rgb(228, 182,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4061, 0.3326, 0.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 182, 206) }
```

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

```
.background{ background-color: rgb(228,  
182, 206) }
```

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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