

Converting Colors

$Yxy(54.6310, 0.3332, 0.2987)$

Have a look what the booklet for
Yxy(54.6310, 0.3332, 0.2987)
contains.

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Color

Yxy(54.5907, 0.3336, 0.2992)

Conversions

Conversions Part 1

Format	Color
Hex	E7B5D0
RGB	231, 181, 208
RGB Percent	91%, 71%, 82%
CMY	0.0940, 0.2902, 0.1843
CMYK	0.00, 0.22, 0.10, 0.09
HSL	328°, 51%, 81%
HSV	328°, 22%, 91%
XYZ	60.8672, 54.5907, 66.9977
YIQ	199.0280, 21.1330, 18.9970

Conversions

Conversions Part 2

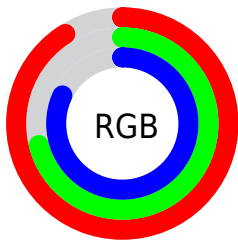
Format	Color
R _Y B	231, 181, 208
Decimal	15185360
CIE Lab	78.80, 22.33, -6.65
CIE LCh	79, 23.303, 343.410
Yxy	54.5907, 0.3336, 0.2992
Android (android.graphics.Color)	4293375440 (0xFFE7B5D0)
YUV	199.0280, 4.4232, 28.0394
Hunter-Lab	73.8855, 17.7493, -2.0429

Details

The Yxy color **54.5907, 0.3336, 0.2992** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.3464, 0.2961, 0.3609**, and the grayscale version is **57.0959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **26.8854, 0.3386, 0.2915** is the 20% darker color. If you saturate the color by 10%, you get **45.4584, 0.3463, 0.2847**, and if you desaturate by 10%, it is **65.3207, 0.3229, 0.3134**.

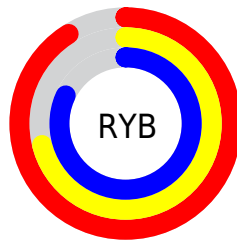
Distribution



Red (91%)

Green (71%)

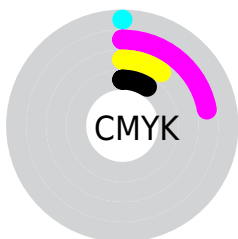
Blue (82%)



Red (91%)

Yellow (71%)

Blue (82%)

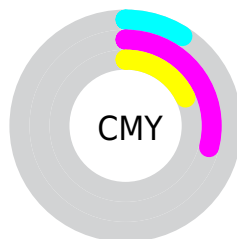


Cyan (0%)

Magenta (22%)

Yellow (10%)

Black (9%)



Cyan (9%)


Magenta (29%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5907, 0.3336, 0.2992 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 54.5907, 0.3336, 0.2992 by changing the saturation by 10% instead.


 54.5907, 0.3336,
0.2992

 54.5907, 0.3336,
0.2992

404.3585, 0.3236,
0.3134

 39.0741, 0.3360,
0.2959


 96.9410, 0.3301,
0.3042

 26.8174, 0.3389,
0.2917


124.5435, 0.3287,
0.3061

 17.4361, 0.3428,
0.2863


156.9435, 0.3275,
0.3078

 10.5459, 0.3480,
0.2792

194.5253, 0.3265,
0.3092

 5.7624, 0.3553,
0.2692

237.6733, 0.3257,
0.3104

 2.7011, 0.3664,
0.2542

286.7719, 0.3249,

 0.9778, 0.3852,

0.3115

0.2294

342.2055, 0.3242,
0.3125

0.0000, 0.5664,
0.0000

0.0000, 0.0000,
0.0000

54.5907, 0.3336,
0.2992

54.5907, 0.3336,
0.2992

45.4584, 0.3463,
0.2847

65.3207, 0.3229,
0.3134

37.8389, 0.3613,
0.2705

77.7130, 0.3140,
0.3269

31.6509, 0.3786,
0.2573

91.8379, 0.3067,
0.3395

26.8021, 0.3981,
0.2463

95.4474, 0.3006,
0.3334

■ 23.1895, 0.4194,
0.2385

■ 95.7319, 0.2982,
0.3290

■ 20.6948, 0.4417,
0.2353

■ 19.1761, 0.4640,
0.2374

■ 18.4641, 0.4819,
0.2429

Harmonies

Analogous

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



54.5907, 0.3022, 0.2833



54.5907, 0.3336, 0.2992



54.5907, 0.3603, 0.3224

Triad

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



54.5907, 0.3336, 0.2992



54.5907, 0.3500, 0.3833



54.5907, 0.2554, 0.3050

Complementary

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



54.5907, 0.3336, 0.2992



71.3464, 0.2961, 0.3609

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.



54.5907, 0.2669, 0.3332



54.5907, 0.3336, 0.2992



54.5907, 0.3209, 0.3806

Square

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



54.5907, 0.3336, 0.2992



54.5907, 0.3697, 0.3706



54.5907, 0.2905, 0.3618



54.5907, 0.2582, 0.2854

Rectangle

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



54.5907, 0.3336, 0.2992



54.5907, 0.3711, 0.3396



54.5907, 0.2905, 0.3618



54.5907, 0.2576, 0.3138

Sweetspot

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



54.5931, 0.3336, 0.2992



90.1783, 0.3177, 0.3210



51.5860, 0.2933, 0.2716



19.0831, 0.3183, 0.3201



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.



54.5931, 0.3336, 0.2992



62.9341, 0.3390, 0.2927



53.4792, 0.3544, 0.3263



14.4974, 0.3208, 0.3164



10.3748, 0.4787, 0.2411



0.7854, 0.4493, 0.2249

Inverse Universe

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



54.5931, 0.3336, 0.2992



62.9341, 0.3390, 0.2927



72.6157, 0.2820, 0.3318



14.4974, 0.3208, 0.3164



10.3748, 0.4787, 0.2411



0.7854, 0.4493, 0.2249

Previews

White Background



This preview shows how the Yxy color 54.5907, 0.3336, 0.2992 looks on a white background.

Color Contrast Check

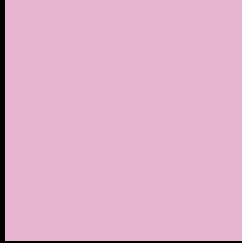
Large Text (above 18pt) WCAG AA × Fail

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 54.5907, 0.3336, 0.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

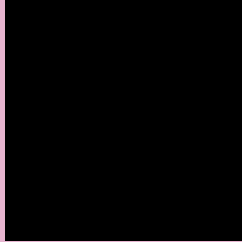
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5907, 0.3336, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 54.5907, 0.3336, 0.2992.



This preview shows how white text looks on a background with the Yxy color 54.5907, 0.3336, 0.2992.

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

54.5907, 0.3336, 0.2992

Protanopia

54.8789, 0.2961, 0.3027

Deuteranopia

54.8385, 0.3160, 0.3103



Tritanopia

54.7212, 0.3416, 0.3134

Trichromacy



Original Color

54.5907, 0.3336, 0.2992

Protanomaly

54.4647, 0.3092, 0.3010

Deuteranomaly

54.7974, 0.3220, 0.3061

Tritanomaly

54.4959, 0.3384, 0.3079

Monochromacy



Original Color

54.5907, 0.3336, 0.2992

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.8124, 0.3206, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5907, 0.3336, 0.2992 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(231, 181, 208)` looks like.

```
.text, #text, p{  
    color:rgb(231, 181, 208)  
}
```

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(231, 181, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 181, 208) }
```

Border

The CSS property to change the border of an element to Yxy 54.5907, 0.3336, 0.2992 is called "border". The border property can be set on classes, ids or directly on the HTML element.

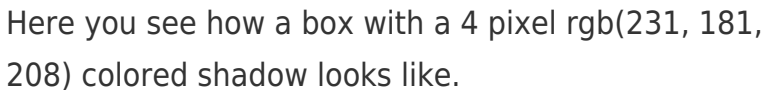
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 181, 208) }
```

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

```
.border{ border-color:rgb(231, 181, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(231, 181, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 181, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 181, 208); box-shadow:4px 4px 4px 4px rgb(231, 181, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5907, 0.3336, 0.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 181, 208) }
```

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

```
.background{ background-color: rgb(231,  
181, 208) }
```

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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