

Converting Colors

$Y_{xy}(55.5634, 0.3352, 0.3014)$

Have a look what the booklet for
Yxy(55.5634, 0.3352, 0.3014)
contains.

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Color

Yxy(55.7447, 0.3350, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	E9B7D0
RGB	233, 183, 208
RGB Percent	91%, 72%, 82%
CMY	0.0863, 0.2823, 0.1843
CMYK	0.00, 0.21, 0.11, 0.09
HSL	330°, 53%, 82%
HSV	330°, 21%, 91%
XYZ	61.9180, 55.7447, 67.1672
YIQ	200.8000, 21.7750, 18.3750

Conversions

Conversions Part 2

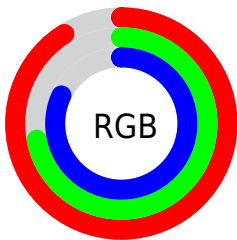
Format	Color
R _Y B	233, 183, 208
Decimal	15316944
CIE Lab	79.47, 21.94, -5.65
CIE LCh	79, 22.656, 345.552
Yxy	55.7447, 0.3350, 0.3016
Android (android.graphics.Color)	4293507024 (0xFFE9B7D0)
YUV	200.8000, 3.5496, 28.2394
Hunter-Lab	74.6624, 17.3721, -1.0744

Details

The Yxy color **55.7447, 0.3350, 0.3016** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.8913, 0.2951, 0.3581**, and the grayscale version is **58.2466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **27.6455, 0.3405, 0.2947** is the 20% darker color. If you saturate the color by 10%, you get **46.3650, 0.3488, 0.2881**, and if you desaturate by 10%, it is **66.7623, 0.3235, 0.3147**.

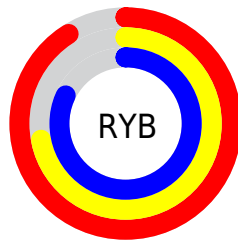
Distribution



Red (91%)

Green (72%)

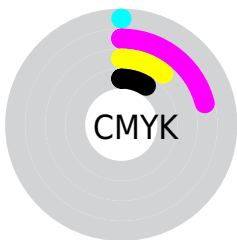
Blue (82%)



Red (91%)

Yellow (72%)

Blue (82%)

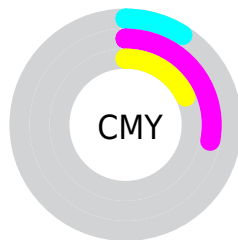


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (9%)



Cyan (9%)

Magenta (28%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7447, 0.3350, 0.3016 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 55.7447, 0.3350, 0.3016 by changing the saturation by 10% instead.

 55.7447, 0.3350,
0.3016

 55.7447, 0.3350,
0.3016


408.7287, 0.3243,
0.3146

 39.9983, 0.3375,
0.2985


 98.6312, 0.3312,
0.3062

 27.5372, 0.3407,
0.2947


126.5401, 0.3298,
0.3079

 17.9771, 0.3448,
0.2898


159.2719, 0.3285,
0.3095

 10.9335, 0.3503,
0.2833

197.2110, 0.3275,
0.3108

 6.0222, 0.3582,
0.2741

240.7418, 0.3265,
0.3119

 2.8586, 0.3700,
0.2604

290.2488, 0.3257,

 1.0583, 0.3902,

0.3129

0.2377

346.1163, 0.3250,
0.3138

0.0000, 0.5916,
0.0000

0.0000, 0.0000,
0.0000

55.7447, 0.3350,
0.3016

55.7447, 0.3350,
0.3016

46.3650, 0.3488,
0.2881

66.7623, 0.3235,
0.3147

38.5367, 0.3651,
0.2749

79.4840, 0.3140,
0.3273

32.1764, 0.3841,
0.2626

93.9814, 0.3061,
0.3390

27.1900, 0.4057,
0.2524

96.0349, 0.2996,
0.3294

■ 23.4722, 0.4293,
0.2454

■ 96.0608, 0.2993,
0.3290

■ 20.9025, 0.4541,
0.2430

■ 19.3363, 0.4788,
0.2460

■ 18.5929, 0.4991,
0.2523

Harmonies

Analogous

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



55.7447, 0.3047, 0.2856



55.7447, 0.3350, 0.3016



55.7447, 0.3601, 0.3244

Triad

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



55.7447, 0.3350, 0.3016



55.7447, 0.3470, 0.3817



55.7447, 0.2570, 0.3042

Complementary

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



55.7447, 0.3350, 0.3016



72.8913, 0.2951, 0.3581

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.



55.7447, 0.2672, 0.3310



55.7447, 0.3350, 0.3016



55.7447, 0.3185, 0.3779

Square

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



55.7447, 0.3350, 0.3016



55.7447, 0.3669, 0.3705



55.7447, 0.2894, 0.3588



55.7447, 0.2608, 0.2860

Rectangle

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



55.7447, 0.3350, 0.3016



55.7447, 0.3697, 0.3411



55.7447, 0.2894, 0.3588



55.7447, 0.2589, 0.3125

Sweetspot

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



55.7472, 0.3350, 0.3016



90.1407, 0.3181, 0.3216



53.1644, 0.2955, 0.2725



19.0742, 0.3187, 0.3208



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.



55.7472, 0.3350, 0.3016



62.7919, 0.3412, 0.2953



54.6128, 0.3561, 0.3291



15.1797, 0.3215, 0.3173



10.5768, 0.4956, 0.2504



0.8500, 0.4649, 0.2335

Inverse Universe

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



55.7472, 0.3350, 0.3016



62.7919, 0.3412, 0.2953



74.2194, 0.2808, 0.3289



15.1797, 0.3215, 0.3173



10.5768, 0.4956, 0.2504



0.8500, 0.4649, 0.2335

Previews

White Background



This preview shows how the Yxy color 55.7447, 0.3350, 0.3016 looks on a white background.

Color Contrast Check

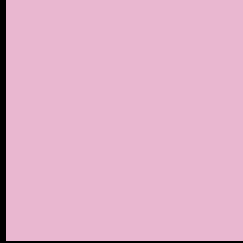
Large Text (above 18pt) WCAG AA × Fail

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 55.7447, 0.3350, 0.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

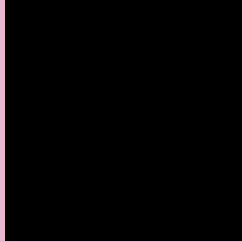
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7447, 0.3350, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 55.7447, 0.3350, 0.3016.



This preview shows how white text looks on a background with the Yxy color 55.7447, 0.3350, 0.3016.

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

55.7447, 0.3350, 0.3016

Protanopia

56.0398, 0.2976, 0.3053

Deuteranopia

55.7149, 0.3184, 0.3116



Tritanopia

55.9772, 0.3413, 0.3135

Trichromacy



Original Color

55.7447, 0.3350, 0.3016

Protanomaly

55.6210, 0.3107, 0.3035

Deuteranomaly

55.6871, 0.3244, 0.3074

Tritanomaly

55.7011, 0.3390, 0.3091

Monochromacy



Original Color

55.7447, 0.3350, 0.3016

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.0893, 0.3205, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7447, 0.3350, 0.3016 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(233, 183, 208)` looks like.

```
.text, #text, p{  
    color:rgb(233, 183, 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(233, 183, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 183, 208) }
```

Border

The CSS property to change the border of an element to Yxy 55.7447, 0.3350, 0.3016 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(233, 183, 208) }
```

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

```
.border{ border-color:rgb(233, 183, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 183, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 183, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 183, 208);  
box-shadow:4px 4px 4px 4px rgb(233, 183,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7447, 0.3350, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 183, 208) }
```

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

```
.background{ background-color: rgb(233,  
183, 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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