

Converting Colors

Yxy(55.4665, 0.3419, 0.3146)

Have a look what the booklet for
Yxy(55.4665, 0.3419, 0.3146)
contains.

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Color

Yxy(55.3011, 0.3423, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	E7B8C5
RGB	231, 184, 197
RGB Percent	91%, 72%, 77%
CMY	0.0941, 0.2784, 0.2275
CMYK	0.00, 0.20, 0.15, 0.09
HSL	343°, 49%, 81%
HSV	343°, 20%, 91%
XYZ	60.1703, 55.3011, 60.3109
YIQ	199.5350, 23.8390, 14.0070

Conversions

Conversions Part 2

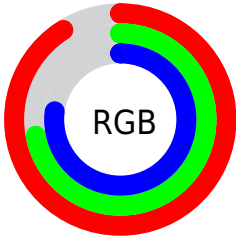
Format	Color
R _Y B	231, 184, 197
Decimal	15186117
CIE Lab	79.21, 18.92, -0.09
CIE LCh	79, 18.917, 359.732
Yxy	55.3011, 0.3423, 0.3146
Android (android.graphics.Color)	4293376197 (0xFFE7B8C5)
YUV	199.5350, -1.2498, 27.5948
Hunter-Lab	74.3647, 14.2904, 3.9702

Details

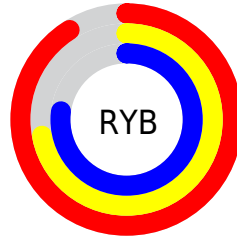
The Yxy color **55.3011, 0.3423, 0.3146** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4053, 0.2898, 0.3439**, and the grayscale version is **57.4555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7359, 0.3140, 0.3156**, and **27.3297, 0.3506, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **45.7523, 0.3621, 0.3071**, and if you desaturate by 10%, it is **66.5069, 0.3262, 0.3219**.

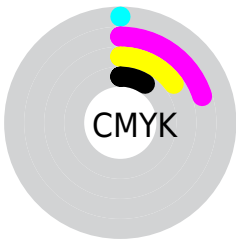
Distribution



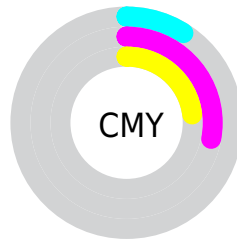
- Red (91%)
- Green (72%)
- Blue (77%)



- Red (91%)
- Yellow (72%)
- Blue (77%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (9%)





- Cyan (9%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3011, 0.3423, 0.3146 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 55.3011, 0.3423, 0.3146 by changing the saturation by 10% instead.

 55.3011, 0.3423,
0.3146

 55.3011, 0.3423,
0.3146

407.0523, 0.3279,
0.3216

 39.6428, 0.3458,
0.3129


 97.9820, 0.3372,
0.3171

 27.2602, 0.3502,
0.3108


125.7734, 0.3352,
0.3181

 17.7687, 0.3559,
0.3080


158.3780, 0.3335,
0.3189

 10.7841, 0.3637,
0.3042

196.1801, 0.3321,
0.3196

 5.9218, 0.3749,
0.2987

239.5642, 0.3309,
0.3202

 2.7976, 0.3924,
0.2902

288.9147, 0.3298,

 1.0270, 0.4233,

0.3207

0.2752

344.6159, 0.3288,
0.3212

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.3011, 0.3423,
0.3146

55.3011, 0.3423,
0.3146

45.7523, 0.3621,
0.3071

66.5069, 0.3262,
0.3219

37.7742, 0.3861,
0.2996

79.4358, 0.3131,
0.3288

31.2843, 0.4148,
0.2929

94.1590, 0.3025,
0.3351

26.1892, 0.4480,
0.2877

95.7284, 0.2982,
0.3290

■ 22.3849, 0.4849,
0.2852

■ 19.7528, 0.5230,
0.2866

■ 18.1519, 0.5587,
0.2924

■ 17.3557, 0.5880,
0.3013

Harmonies

Analogous

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



55.3011, 0.3182, 0.2978



55.3011, 0.3423, 0.3146



55.3011, 0.3586, 0.3354

Triad

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



55.3011, 0.3423, 0.3146



55.3011, 0.3308, 0.3731



55.3011, 0.2657, 0.3000

Complementary

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



55.3011, 0.3423, 0.3146



72.4053, 0.2898, 0.3439

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.



55.3011, 0.2689, 0.3198



55.3011, 0.3423, 0.3146



55.3011, 0.3058, 0.3635

Square

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



55.3011, 0.3423, 0.3146



55.3011, 0.3516, 0.3697



55.3011, 0.2833, 0.3434



55.3011, 0.2745, 0.2890

Rectangle

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



55.3011, 0.3423, 0.3146



55.3011, 0.3624, 0.3491



55.3011, 0.2833, 0.3434



55.3011, 0.2654, 0.3058

Sweetspot

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



55.3036, 0.3423, 0.3146



89.9306, 0.3202, 0.3249



54.9112, 0.3045, 0.2769



19.0246, 0.3211, 0.3245



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.



55.3036, 0.3423, 0.3146



64.4421, 0.3493, 0.3118



59.1179, 0.3510, 0.3405



14.4330, 0.3249, 0.3225



9.7482, 0.5840, 0.2991



0.7357, 0.5423, 0.2761

Inverse Universe

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



55.3036, 0.3423, 0.3146



64.4421, 0.3493, 0.3118



67.5769, 0.2816, 0.3172



14.4330, 0.3249, 0.3225



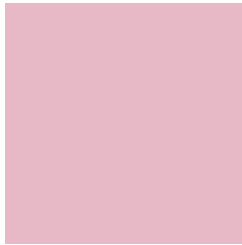
9.7482, 0.5840, 0.2991



0.7357, 0.5423, 0.2761

Previews

White Background



This preview shows how the Yxy color 55.3011, 0.3423, 0.3146 looks on a white background.

Color Contrast Check

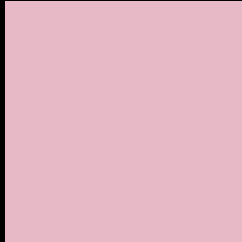
Large Text (above 18pt) WCAG AA × Fail

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 55.3011, 0.3423, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

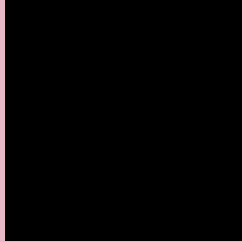
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3011, 0.3423, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 55.3011, 0.3423, 0.3146.



This preview shows how white text looks on a background with the Yxy color 55.3011, 0.3423, 0.3146.

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

55.3011, 0.3423, 0.3146

Protanopia

55.3956, 0.3085, 0.3182

Deuteranopia

55.2595, 0.3287, 0.3221



Tritanopia

55.3471, 0.3414, 0.3135

Trichromacy



Original Color

55.3011, 0.3423, 0.3146

Protanomaly

55.1803, 0.3206, 0.3173

Deuteranomaly

55.3241, 0.3340, 0.3199

Tritanomaly

55.3471, 0.3414, 0.3135

Monochromacy



Original Color

55.3011, 0.3423, 0.3146

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.5560, 0.3227, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3011, 0.3423, 0.3146 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, 184, 197)` looks like.

```
.text, #text, p{  
    color:rgb(231, 184, 197)  
}
```

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, 184, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 184, 197) }
```

Border

The CSS property to change the border of an element to Yxy 55.3011, 0.3423, 0.3146 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, 184, 197) }
```

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

```
.border{ border-color:rgb(231, 184, 197) }
```

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

Here you see how a box with a 4 pixel rgb(231, 184, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 184, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 184, 197);  
box-shadow:4px 4px 4px 4px rgb(231, 184,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3011, 0.3423, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 184, 197) }
```

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

```
.background{ background-color: rgb(231,  
184, 197) }
```

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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