

Converting Colors

Yxy(56.2658, 0.3412, 0.3143)

Have a look what the booklet for
Yxy(56.2658, 0.3412, 0.3143)
contains.

Yxy(56.3971, 0.3411, 0.3146)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.3971, 0.3411, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	E8BAC7
RGB	232, 186, 199
RGB Percent	91%, 73%, 78%
CMY	0.0902, 0.2706, 0.2194
CMYK	0.00, 0.20, 0.14, 0.09
HSL	343°, 50%, 82%
HSV	343°, 20%, 91%
XYZ	61.1477, 56.3971, 61.7213
YIQ	201.2360, 23.2430, 13.7950

Conversions

Conversions Part 2

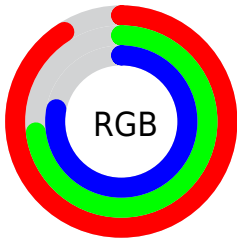
Format	Color
R _Y B	232, 186, 199
Decimal	15252167
CIE Lab	79.84, 18.54, -0.28
CIE LCh	80, 18.537, 359.130
Yxy	56.3971, 0.3411, 0.3146
Android (android.graphics.Color)	4293442247 (0xFFE8BAC7)
YUV	201.2360, -1.1023, 26.9800
Hunter-Lab	75.0980, 13.9200, 3.8395

Details

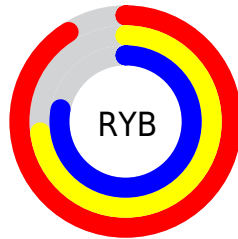
The Yxy color $56.3971, 0.3411, 0.3146$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $73.2592, 0.2905, 0.3439$, and the grayscale version is $58.5610, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9843, 0.3133, 0.3165$, and $28.0495, 0.3489, 0.3117$ is the 20% darker color. If you saturate the color by 10%, you get $46.6746, 0.3604, 0.3069$, and if you desaturate by 10%, it is $67.7958, 0.3253, 0.3221$.

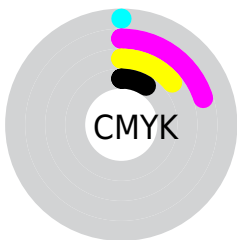
Distribution



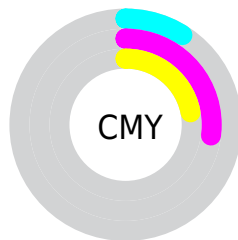
- Red (91%)
- Green (73%)
- Blue (78%)



- Red (91%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (9%)




- Cyan (9%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3971, 0.3411, 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 56.3971, 0.3411, 0.3146 by changing the saturation by 10% instead.


 56.3971, 0.3411,
0.3146

 56.3971, 0.3411,
0.3146


411.1863, 0.3274,
0.3216

 40.5214, 0.3444,
0.3129


 99.5849, 0.3362,
0.3171

 27.9453, 0.3486,
0.3108


127.6659, 0.3343,
0.3180

 18.2844, 0.3540,
0.3081


160.5840, 0.3327,
0.3188

 11.1544, 0.3614,
0.3043

198.7237, 0.3314,
0.3195

 6.1708, 0.3719,
0.2990

242.4694, 0.3302,
0.3201

 2.9492, 0.3883,
0.2908

292.2054, 0.3291,

 1.1053, 0.4169,

0.3207

0.2764

348.3163, 0.3282,
0.3212

0.0000, 0.9993,
0.0000

0.0000, 0.0000,
0.0000

56.3971, 0.3411,
0.3146

56.3971, 0.3411,
0.3146

46.6746, 0.3604,
0.3069

67.7958, 0.3253,
0.3221

38.5415, 0.3840,
0.2992

80.9370, 0.3125,
0.3291

31.9149, 0.4121,
0.2922

95.5079, 0.3021,
0.3350

26.7009, 0.4447,
0.2868

95.8941, 0.2987,
0.3290

■ 22.7952, 0.4810,
0.2840

■ 20.0790, 0.5187,
0.2850

■ 18.4113, 0.5545,
0.2905

■ 17.5573, 0.5850,
0.2998

■ 17.5448, 0.5855,
0.2999

Harmonies

Analogous

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



56.3971, 0.3176, 0.2983



56.3971, 0.3411, 0.3146



56.3971, 0.3571, 0.3348

Triad

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



56.3971, 0.3411, 0.3146



56.3971, 0.3309, 0.3719



56.3971, 0.2669, 0.3011

Complementary

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



56.3971, 0.3411, 0.3146



73.2592, 0.2905, 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.



56.3971, 0.2702, 0.3205



56.3971, 0.3411, 0.3146



56.3971, 0.3065, 0.3628

Square

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



56.3971, 0.3411, 0.3146



56.3971, 0.3509, 0.3684



56.3971, 0.2845, 0.3435



56.3971, 0.2752, 0.2902

Rectangle

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



56.3971, 0.3411, 0.3146



56.3971, 0.3611, 0.3483



56.3971, 0.2845, 0.3435



56.3971, 0.2667, 0.3068

Sweetspot

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



56.3996, 0.3411, 0.3146



89.9376, 0.3202, 0.3248



55.8810, 0.3041, 0.2782



19.0263, 0.3210, 0.3243



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.



56.3996, 0.3411, 0.3146



64.4654, 0.3489, 0.3113



59.8204, 0.3500, 0.3394



14.4348, 0.3248, 0.3224



9.7598, 0.5814, 0.2976



0.7368, 0.5397, 0.2747

Inverse Universe

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



56.3996, 0.3411, 0.3146



64.4654, 0.3489, 0.3113



68.9301, 0.2824, 0.3184



14.4348, 0.3248, 0.3224



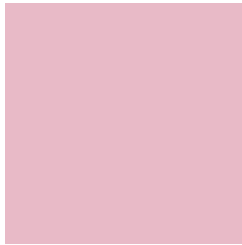
9.7598, 0.5814, 0.2976



0.7368, 0.5397, 0.2747

Previews

White Background



This preview shows how the Yxy color 56.3971, 0.3411, 0.3146 looks on a white background.

Color Contrast Check

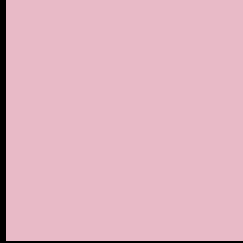
Large Text (above 18pt) WCAG AA × Fail

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 56.3971, 0.3411, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

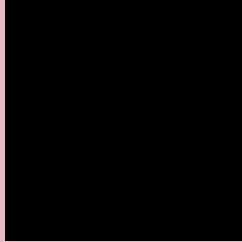
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3971, 0.3411, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 56.3971, 0.3411, 0.3146.



This preview shows how white text looks on a background with the Yxy color 56.3971, 0.3411, 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

56.3971, 0.3411, 0.3146

Protanopia

56.6681, 0.3085, 0.3183

Deuteranopia

56.5282, 0.3286, 0.3221



Tritanopia

56.4437, 0.3403, 0.3135

Trichromacy



Original Color

56.3971, 0.3411, 0.3146

Protanomaly

56.4488, 0.3205, 0.3174

Deuteranomaly

56.4337, 0.3330, 0.3199

Tritanomaly

56.4437, 0.3403, 0.3135

Monochromacy



Original Color

56.3971, 0.3411, 0.3146

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.6470, 0.3225, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3971, 0.3411, 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(232, 186, 199)` looks like.

```
.text, #text, p{  
    color:rgb(232, 186, 199)  
}
```

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(232, 186, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 186, 199) }
```

Border

The CSS property to change the border of an element to Yxy 56.3971, 0.3411, 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(232, 186, 199) }
```

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

```
.border{ border-color:rgb(232, 186, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 186, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 186, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 186, 199);  
box-shadow:4px 4px 4px 4px rgb(232, 186,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3971, 0.3411, 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(232, 186, 199) }
```

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

```
.background{ background-color: rgb(232,  
186, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor