

Converting Colors

$Y_{xy}(55.7089, 0.3456, 0.3149)$

Have a look what the booklet for
Yxy(55.7089, 0.3456, 0.3149)
contains.

Yxy(55.8046, 0.3448, 0.3147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.8046, 0.3448, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	EAB8C5
RGB	234, 184, 197
RGB Percent	92%, 72%, 77%
CMY	0.0825, 0.2784, 0.2274
CMYK	0.00, 0.21, 0.16, 0.08
HSL	344°, 54%, 82%
HSV	344°, 21%, 92%
XYZ	61.1421, 55.8046, 60.3796
YIQ	200.4320, 25.6270, 14.6430

Conversions

Conversions Part 2

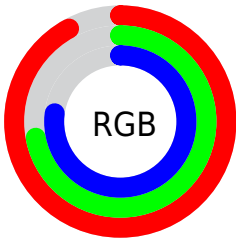
Format	Color
RYB	234, 184, 197
Decimal	15382725
CIELab	79.50, 19.97, 0.35
CIELCh	80, 19.977, 0.992
Yxy	55.8046, 0.3448, 0.3147
Android (android.graphics.Color)	4293572805 (0xFFEAB8C5)
YUV	200.4320, -1.6920, 29.4391
Hunter-Lab	74.7025, 15.3685, 4.3695

Details

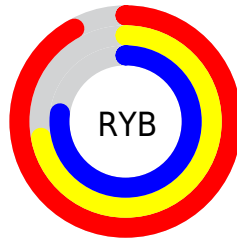
The Yxy color **55.8046, 0.3448, 0.3147** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.2361, 0.2882, 0.3438**, and the grayscale version is **58.0382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7359, 0.3140, 0.3156**, and **27.6807, 0.3540, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **46.1277, 0.3654, 0.3076**, and if you desaturate by 10%, it is **67.1852, 0.3280, 0.3216**.

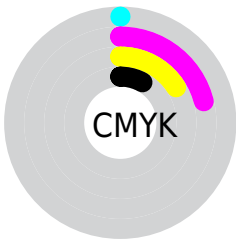
Distribution



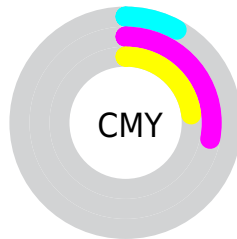
- Red (92%)
- Green (72%)
- Blue (77%)



- Red (92%)
- Yellow (72%)
- Blue (77%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (8%)




- Cyan (8%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8046, 0.3448, 0.3147 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 55.8046, 0.3448, 0.3147 by changing the saturation by 10% instead.

 55.8046, 0.3448,
0.3147

 55.8046, 0.3448,
0.3147


408.9547, 0.3292,
0.3217

 40.0463, 0.3486,
0.3130


 98.7188, 0.3392,
0.3172

 27.5746, 0.3533,
0.3109


126.6435, 0.3371,
0.3181

 18.0053, 0.3595,
0.3081


159.3925, 0.3353,
0.3189

 10.9538, 0.3679,
0.3043

197.3500, 0.3338,
0.3196

 6.0358, 0.3800,
0.2989

240.9007, 0.3324,
0.3202

 2.8668, 0.3988,
0.2904

290.4287, 0.3312,

 1.0626, 0.4319,

0.3208

0.2753

346.3186, 0.3302,
0.3212

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.8046, 0.3448,
0.3147

55.8046, 0.3448,
0.3147

46.1277, 0.3654,
0.3076

67.1852, 0.3280,
0.3216

38.0648, 0.3906,
0.3006

80.3382, 0.3143,
0.3282

31.5296, 0.4205,
0.2944

95.3381, 0.3033,
0.3342

26.4246, 0.4551,
0.2898

96.2261, 0.2999,
0.3290

■ 22.6410, 0.4931,
0.2880

■ 20.0541, 0.5319,
0.2899

■ 18.5149, 0.5676,
0.2962

■ 17.8217, 0.5933,
0.3042

Harmonies

Analogous

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



55.8046, 0.3196, 0.2968



55.8046, 0.3448, 0.3147



55.8046, 0.3615, 0.3365

Triad

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



55.8046, 0.3448, 0.3147



55.8046, 0.3307, 0.3753



55.8046, 0.2635, 0.2978

Complementary

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



55.8046, 0.3448, 0.3147



74.2361, 0.2882, 0.3438

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.



55.8046, 0.2662, 0.3182



55.8046, 0.3448, 0.3147



55.8046, 0.3043, 0.3647

Square

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



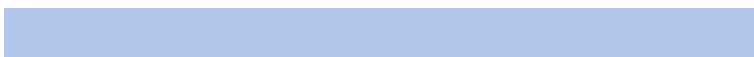
55.8046, 0.3448, 0.3147



55.8046, 0.3529, 0.3722



55.8046, 0.2809, 0.3431



55.8046, 0.2732, 0.2867

Rectangle

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



55.8046, 0.3448, 0.3147



55.8046, 0.3651, 0.3510



55.8046, 0.2809, 0.3431



55.8046, 0.2630, 0.3037

Sweetspot

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



55.8071, 0.3448, 0.3147



89.9160, 0.3204, 0.3252



55.5440, 0.3047, 0.2743



19.0212, 0.3213, 0.3247



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.



55.8071, 0.3448, 0.3147



61.9800, 0.3541, 0.3113



60.2802, 0.3532, 0.3420



15.1184, 0.3252, 0.3229



10.0359, 0.5894, 0.3021



0.8034, 0.5502, 0.2805

Inverse Universe

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



55.8071, 0.3448, 0.3147



61.9800, 0.3541, 0.3113



68.5383, 0.2800, 0.3156



15.1184, 0.3252, 0.3229



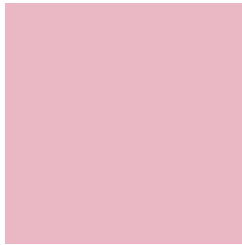
10.0359, 0.5894, 0.3021



0.8034, 0.5502, 0.2805

Previews

White Background



This preview shows how the Yxy color 55.8046, 0.3448, 0.3147 looks on a white background.

Color Contrast Check

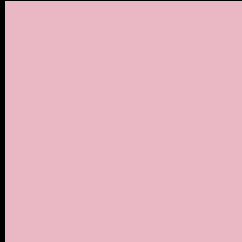
Large Text (above 18pt) WCAG AA × Fail

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 55.8046, 0.3448, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

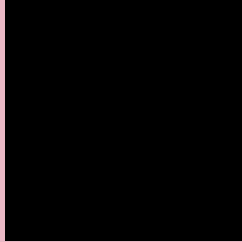
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8046, 0.3448, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 55.8046, 0.3448, 0.3147.



This preview shows how white text looks on a background with the Yxy color 55.8046, 0.3448, 0.3147.

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

55.8046, 0.3448, 0.3147

Protanopia

55.9816, 0.3092, 0.3194

Deuteranopia

55.9988, 0.3303, 0.3233



Tritanopia

55.8506, 0.3440, 0.3136

Trichromacy



Original Color

55.8046, 0.3448, 0.3147

Protanomaly

55.9134, 0.3221, 0.3185

Deuteranomaly

55.6399, 0.3357, 0.3199

Tritanomaly

55.8506, 0.3440, 0.3136

Monochromacy



Original Color

55.8046, 0.3448, 0.3147

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.7041, 0.3235, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8046, 0.3448, 0.3147 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(234, 184, 197)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 184, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 184, 197) }
```

Border

The CSS property to change the border of an element to Yxy 55.8046, 0.3448, 0.3147 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(234, 184, 197) }
```

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

```
.border{ border-color:rgb(234, 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(234, 184, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 184, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 184, 197);  
box-shadow:4px 4px 4px 4px rgb(234, 184,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8046, 0.3448, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 184, 197) }
```

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

```
.background{ background-color: rgb(234,  
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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