

Converting Colors

Yxy(55.1546, 0.3417, 0.3219)

Have a look what the booklet for
Yxy(55.1546, 0.3417, 0.3219)
contains.

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Color

Yxy(55.0923, 0.3418, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	E2BAC0
RGB	226, 186, 192
RGB Percent	89%, 73%, 75%
CMY	0.1139, 0.2705, 0.2471
CMYK	0.00, 0.18, 0.15, 0.11
HSL	351°, 41%, 81%
HSV	351°, 18%, 89%
XYZ	58.4255, 55.0923, 57.4170
YIQ	198.6440, 21.9140, 10.3460

Conversions

Conversions Part 2

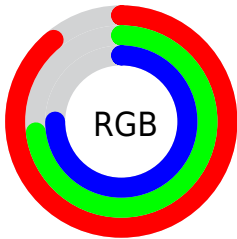
Format	Color
R _Y B	226, 186, 192
Decimal	14858944
CIE Lab	79.09, 15.24, 2.37
CIE LCh	79, 15.427, 8.856
Yxy	55.0923, 0.3418, 0.3223
Android (android.graphics.Color)	4293049024 (0xFFE2BAC0)
YUV	198.6440, -3.2755, 23.9912
Hunter-Lab	74.2242, 10.6139, 6.0924

Details

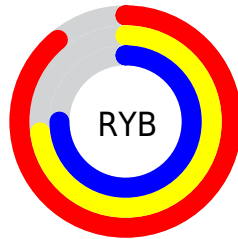
The Yxy color **55.0923, 0.3418, 0.3223** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9768, 0.2897, 0.3358**, and the grayscale version is **56.8937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5416, 0.3176, 0.3232**, and **27.1852, 0.3489, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **45.5166, 0.3639, 0.3182**, and if you desaturate by 10%, it is **66.2896, 0.3240, 0.3262**.

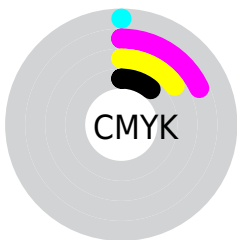
Distribution



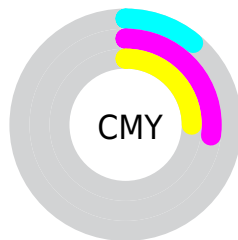
- Red (89%)
- Green (73%)
- Blue (75%)



- Red (89%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (18%)
- Yellow (15%)
- Black (11%)




- Cyan (11%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0923, 0.3418, 0.3223 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 55.0923, 0.3418, 0.3223 by changing the saturation by 10% instead.


 55.0923, 0.3418,
0.3223

 55.0923, 0.3418,
0.3223

406.2617, 0.3276,
0.3257

 39.4756, 0.3452,
0.3215


 97.6762, 0.3367,
0.3235

 27.1299, 0.3496,
0.3204


125.4122, 0.3348,
0.3240

 17.6708, 0.3553,
0.3190


157.9567, 0.3332,
0.3244

 10.7139, 0.3631,
0.3170

195.6942, 0.3317,
0.3247

 5.8748, 0.3744,
0.3141

239.0091, 0.3305,
0.3250

 2.7691, 0.3921,
0.3093

288.2857, 0.3294,

 1.0124, 0.4239,

0.3252

0.3003

343.9084, 0.3285,
0.3255

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.0923, 0.3418,
0.3223

55.0923, 0.3418,
0.3223

45.5166, 0.3639,
0.3182

66.2896, 0.3240,
0.3262

37.4802, 0.3911,
0.3142

79.1711, 0.3096,
0.3298

30.9049, 0.4239,
0.3106

93.8050, 0.2981,
0.3331

25.7024, 0.4624,
0.3079

94.9014, 0.2952,
0.3289

■ 21.7752, 0.5050,
0.3068

■ 19.0126, 0.5484,
0.3082

■ 17.2850, 0.5874,
0.3123

■ 16.4170, 0.6164,
0.3186

■ 16.2755, 0.6218,
0.3199

Harmonies

Analogous

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



55.0923, 0.3236, 0.3070



55.0923, 0.3418, 0.3223



55.0923, 0.3521, 0.3397

Triad

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



55.0923, 0.3418, 0.3223



55.0923, 0.3216, 0.3635



55.0923, 0.2753, 0.3018

Complementary

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



55.0923, 0.3418, 0.3223



69.9768, 0.2897, 0.3358

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.



55.0923, 0.2749, 0.3162



55.0923, 0.3418, 0.3223



55.0923, 0.3011, 0.3527

Square

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



55.0923, 0.3418, 0.3223



55.0923, 0.3401, 0.3641



55.0923, 0.2842, 0.3350



55.0923, 0.2854, 0.2951

Rectangle

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



55.0923, 0.3418, 0.3223



55.0923, 0.3529, 0.3505



55.0923, 0.2842, 0.3350



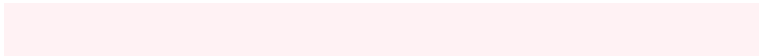
55.0923, 0.2740, 0.3058

Sweetspot

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



55.0948, 0.3418, 0.3223



91.4542, 0.3199, 0.3272



55.8267, 0.3100, 0.2847



19.3277, 0.3210, 0.3269



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.



55.0948, 0.3418, 0.3223



67.8692, 0.3489, 0.3209



61.0161, 0.3440, 0.3449



13.7337, 0.3269, 0.3255



9.3001, 0.6189, 0.3183



0.6552, 0.5812, 0.2976

Inverse Universe

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



55.0948, 0.3418, 0.3223



67.8692, 0.3489, 0.3209



63.0070, 0.2853, 0.3126



13.7337, 0.3269, 0.3255



9.3001, 0.6189, 0.3183



0.6552, 0.5812, 0.2976

Previews

White Background



This preview shows how the Yxy color 55.0923, 0.3418, 0.3223 looks on a white background.

Color Contrast Check

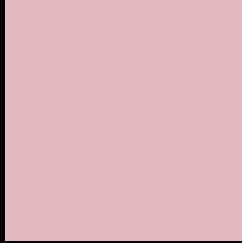
Large Text (above 18pt) WCAG AA × Fail

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 55.0923, 0.3418, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

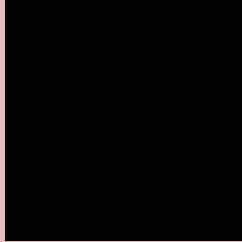
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0923, 0.3418, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 55.0923, 0.3418, 0.3223.



This preview shows how white text looks on a background with the Yxy color 55.0923, 0.3418, 0.3223.

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

55.0923, 0.3418, 0.3223

Protanopia

55.2035, 0.3144, 0.3266

Deuteranopia

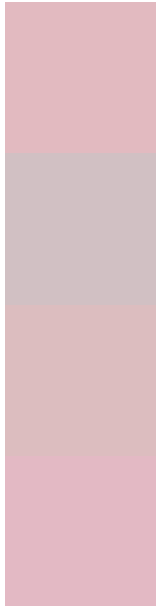
55.3402, 0.3344, 0.3279



Tritanopia

55.1523, 0.3371, 0.3133

Trichromacy



Original Color

55.0923, 0.3418, 0.3223

Protanomaly

55.1947, 0.3243, 0.3255

Deuteranomaly

55.3724, 0.3371, 0.3268

Tritanomaly

55.0143, 0.3395, 0.3166

Monochromacy



Original Color

55.0923, 0.3418, 0.3223

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.1244, 0.3233, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0923, 0.3418, 0.3223 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(226, 186, 192)` looks like.

```
.text, #text, p{  
    color:rgb(226, 186, 192)  
}
```

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(226, 186, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 186, 192) }
```

Border

The CSS property to change the border of an element to Yxy 55.0923, 0.3418, 0.3223 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(226, 186, 192) }
```

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

```
.border{ border-color:rgb(226, 186, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 186, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 186, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 186, 192);  
box-shadow:4px 4px 4px 4px rgb(226, 186,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0923, 0.3418, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 186, 192) }
```

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

```
.background{ background-color: rgb(226,  
186, 192) }
```

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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