

Converting Colors

$Yxy(55.1709, 0.3403, 0.3233)$

Have a look what the booklet for
Yxy(55.1709, 0.3403, 0.3233)
contains.

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Color

Yxy(55.1937, 0.3400, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	E0BBC0
RGB	224, 187, 192
RGB Percent	88%, 73%, 75%
CMY	0.1215, 0.2667, 0.2472
CMYK	0.00, 0.17, 0.14, 0.12
HSL	352°, 37%, 81%
HSV	352°, 17%, 88%
XYZ	58.0268, 55.1937, 57.4465
YIQ	198.6330, 20.4470, 9.3990

Conversions

Conversions Part 2

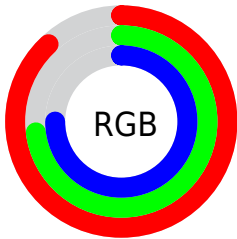
Format	Color
R_{YB}	224, 187, 192
Decimal	14728128
CIE _{Lab}	79.15, 14.02, 2.45
CIE _{LCh}	79, 14.235, 9.902
Yxy	55.1937, 0.3400, 0.3234
Android (android.graphics.Color)	4292918208 (0xFFE0BBC0)
YUV	198.6330, -3.2701, 22.2469
Hunter-Lab	74.2925, 9.4072, 6.1588

Details

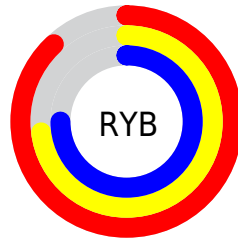
The Yxy color **55.1937, 0.3400, 0.3234** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.0038, 0.2908, 0.3347**, and the grayscale version is **56.8898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1385, 0.3175, 0.3242**, and **27.2391, 0.3463, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **45.6172, 0.3619, 0.3198**, and if you desaturate by 10%, it is **66.3711, 0.3223, 0.3269**.

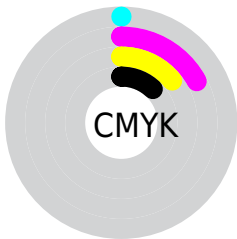
Distribution



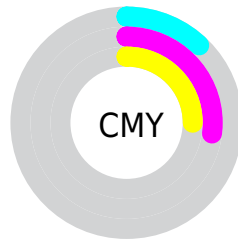
- Red (88%)
- Green (73%)
- Blue (75%)



- Red (88%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (12%)





- Cyan (12%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1937, 0.3400, 0.3234 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 55.1937, 0.3400, 0.3234 by changing the saturation by 10% instead.


 55.1937, 0.3400,
0.3234

 55.1937, 0.3400,
0.3234


406.6458, 0.3267,
0.3262

 39.5568, 0.3432,
0.3227

 97.8247, 0.3352,
0.3244

 27.1932, 0.3473,
0.3218

125.5876, 0.3334,
0.3248

 17.7184, 0.3527,
0.3206


158.1613, 0.3319,
0.3251

 10.7480, 0.3600,
0.3189

195.9302, 0.3306,
0.3254

 5.8976, 0.3705,
0.3164

239.2787, 0.3294,
0.3257

 2.7829, 0.3871,
0.3123

288.5912, 0.3284,

 1.0195, 0.4170,

0.3259

0.3046

344.2521, 0.3275,
0.3261

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.1937, 0.3400,
0.3234

55.1937, 0.3400,
0.3234

45.6172, 0.3619,
0.3198

66.3711, 0.3223,
0.3269

37.5612, 0.3890,
0.3162

79.2101, 0.3081,
0.3301

30.9495, 0.4218,
0.3129

93.7776, 0.2967,
0.3330

25.6966, 0.4603,
0.3103

94.5904, 0.2941,
0.3289

■ 21.7076, 0.5033,
0.3093

■ 18.8757, 0.5474,
0.3103

■ 17.0760, 0.5871,
0.3139

■ 16.1518, 0.6168,
0.3197

■ 15.9445, 0.6246,
0.3214

Harmonies

Analogous

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



55.1937, 0.3234, 0.3091



55.1937, 0.3400, 0.3234



55.1937, 0.3492, 0.3395

Triad

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



55.1937, 0.3400, 0.3234



55.1937, 0.3203, 0.3605



55.1937, 0.2783, 0.3036

Complementary

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



55.1937, 0.3400, 0.3234



69.0038, 0.2908, 0.3347

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.



55.1937, 0.2776, 0.3167



55.1937, 0.3400, 0.3234



55.1937, 0.3014, 0.3503

Square

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



55.1937, 0.3400, 0.3234



55.1937, 0.3375, 0.3615



55.1937, 0.2859, 0.3339



55.1937, 0.2880, 0.2976

Rectangle

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



55.1937, 0.3400, 0.3234



55.1937, 0.3497, 0.3493



55.1937, 0.2859, 0.3339



55.1937, 0.2771, 0.3073

Sweetspot

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



55.1962, 0.3400, 0.3234



91.4425, 0.3200, 0.3274



55.9017, 0.3102, 0.2877



19.3249, 0.3211, 0.3271



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.



55.1962, 0.3400, 0.3234



69.1412, 0.3474, 0.3221



60.7273, 0.3417, 0.3438



13.7303, 0.3271, 0.3259



9.2887, 0.6220, 0.3200



0.6536, 0.5866, 0.3005

Inverse Universe

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



55.1962, 0.3400, 0.3234



69.1412, 0.3474, 0.3221



62.5678, 0.2871, 0.3137



13.7303, 0.3271, 0.3259



9.2887, 0.6220, 0.3200



0.6536, 0.5866, 0.3005

Previews

White Background



This preview shows how the Yxy color 55.1937, 0.3400, 0.3234 looks on a white background.

Color Contrast Check

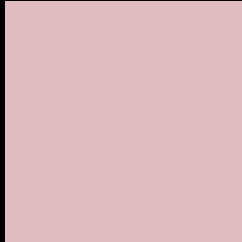
Large Text (above 18pt) WCAG AA × Fail

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 55.1937, 0.3400, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

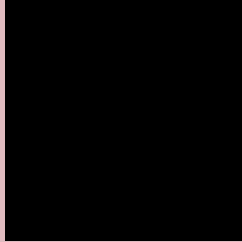
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1937, 0.3400, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 55.1937, 0.3400, 0.3234.



This preview shows how white text looks on a background with the Yxy color 55.1937, 0.3400, 0.3234.

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

55.1937, 0.3400, 0.3234

Protanopia

55.2035, 0.3144, 0.3266

Deuteranopia

55.3402, 0.3344, 0.3279



Tritanopia

55.2955, 0.3344, 0.3132

Trichromacy



Original Color

55.1937, 0.3400, 0.3234

Protanomaly

55.0493, 0.3235, 0.3255

Deuteranomaly

55.3724, 0.3371, 0.3268

Tritanomaly

55.1566, 0.3369, 0.3166

Monochromacy



Original Color

55.1937, 0.3400, 0.3234

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.4256, 0.3224, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1937, 0.3400, 0.3234 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(224, 187, 192)` looks like.

```
.text, #text, p{  
    color:rgb(224, 187, 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(224, 187, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 187, 192) }
```

Border

The CSS property to change the border of an element to Yxy 55.1937, 0.3400, 0.3234 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(224, 187, 192) }
```

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

```
.border{ border-color:rgb(224, 187, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 187, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 187, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 187, 192);  
box-shadow:4px 4px 4px 4px rgb(224, 187,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1937, 0.3400, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 187, 192) }
```

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

```
.background{ background-color: rgb(224,  
187, 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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