

Converting Colors

$Yxy(63.3821, 0.3331, 0.3234)$

Have a look what the booklet for
Yxy(63.3821, 0.3331, 0.3234)
contains.

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Color

Yxy(63.3853, 0.3334, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	E8C9CE
RGB	232, 201, 206
RGB Percent	91%, 79%, 81%
CMY	0.0902, 0.2117, 0.1922
CMYK	0.00, 0.13, 0.11, 0.09
HSL	350°, 40%, 85%
HSV	350°, 13%, 91%
XYZ	65.3049, 63.3853, 67.1853
YIQ	210.8390, 16.8710, 8.1270

Conversions

Conversions Part 2

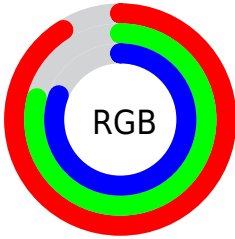
Format	Color
R _Y B	232, 201, 206
Decimal	15256014
CIE Lab	83.64, 11.70, 1.53
CIE LCh	84, 11.801, 7.462
Yxy	63.3853, 0.3334, 0.3236
Android (android.graphics.Color)	4293446094 (0xFFE8C9CE)
YUV	210.8390, -2.3856, 18.5582
Hunter-Lab	79.6149, 7.0903, 5.6969

Details

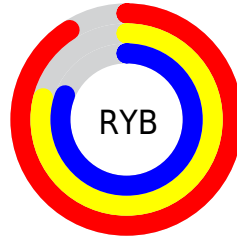
The Yxy color $63.3853, 0.3334, 0.3236$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $75.6759, 0.2953, 0.3345$, and the grayscale version is $65.0387, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.3645, 0.3383, 0.3219$ is the 20% darker color. If you saturate the color by 10%, you get $52.4877, 0.3533, 0.3193$, and if you desaturate by 10%, it is $76.0392, 0.3174, 0.3277$.

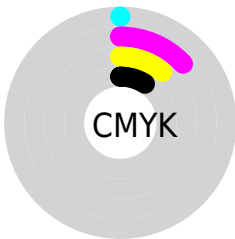
Distribution



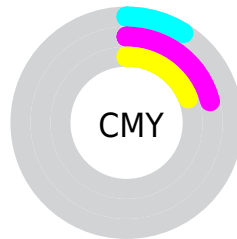
- Red (91%)
- Green (79%)
- Blue (81%)



- Red (91%)
- Yellow (79%)
- Blue (81%)



- Cyan (0%)
- Magenta (13%)
- Yellow (11%)
- Black (9%)





- Cyan (9%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3853, 0.3334, 0.3236 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 63.3853, 0.3334, 0.3236 by changing the saturation by 10% instead.


 63.3853, 0.3334,
0.3236

 63.3853, 0.3334,
0.3236


436.9665, 0.3236,
0.3262

 46.1530, 0.3357,
0.3230


109.7252, 0.3299,
0.3245

 32.3666, 0.3386,
0.3222


139.6016, 0.3286,
0.3249

 21.6416, 0.3424,
0.3212


174.4614, 0.3275,
0.3252

 13.5938, 0.3474,
0.3198

214.6891, 0.3265,
0.3254

 7.8387, 0.3544,
0.3178

260.6691, 0.3256,
0.3257

 3.9919, 0.3650,
0.3148

312.7857, 0.3248,

 1.6690, 0.3827,

0.3259

0.3096

371.4234, 0.3242,
0.3261

0.4035, 0.4763,
0.2872

0.0000, 0.0000,
0.0000

63.3853, 0.3334,
0.3236

63.3853, 0.3334,
0.3236

52.4877, 0.3533,
0.3193

76.0392, 0.3174,
0.3277

43.2606, 0.3779,
0.3149

90.5134, 0.3044,
0.3315

35.6238, 0.4079,
0.3107

95.8952, 0.2987,
0.3290

29.4871, 0.4435,
0.3072

■ 24.7513, 0.4842,
0.3051

■ 21.3050, 0.5274,
0.3053

■ 19.0201, 0.5688,
0.3083

■ 17.7416, 0.6028,
0.3142

■ 17.2913, 0.6196,
0.3187

Harmonies

Analogous

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



63.3853, 0.3200, 0.3123



63.3853, 0.3334, 0.3236



63.3853, 0.3412, 0.3365

Triad

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



63.3853, 0.3334, 0.3236



63.3853, 0.3200, 0.3541



63.3853, 0.2850, 0.3096

Complementary

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



63.3853, 0.3334, 0.3236



75.6759, 0.2953, 0.3345

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.



63.3853, 0.2851, 0.3204



63.3853, 0.3334, 0.3236



63.3853, 0.3050, 0.3466

Square

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



63.3853, 0.3334, 0.3236



63.3853, 0.3333, 0.3544



63.3853, 0.2923, 0.3341



63.3853, 0.2922, 0.3042

Rectangle

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



63.3853, 0.3334, 0.3236



63.3853, 0.3421, 0.3444



63.3853, 0.2923, 0.3341



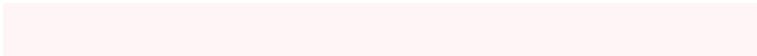
63.3853, 0.2842, 0.3127

Sweetspot

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



63.3881, 0.3334, 0.3236



93.1250, 0.3183, 0.3274



63.9061, 0.3104, 0.2957



19.6646, 0.3194, 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.



63.3881, 0.3334, 0.3236



74.6629, 0.3384, 0.3224



68.1287, 0.3357, 0.3403



14.4057, 0.3267, 0.3252



9.6118, 0.6165, 0.3170



0.7218, 0.5796, 0.2967

Inverse Universe

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



63.3881, 0.3334, 0.3236



74.6629, 0.3384, 0.3224



70.3102, 0.2920, 0.3174



14.4057, 0.3267, 0.3252



9.6118, 0.6165, 0.3170



0.7218, 0.5796, 0.2967

Previews

White Background



This preview shows how the Yxy color 63.3853, 0.3334, 0.3236 looks on a white background.

Color Contrast Check

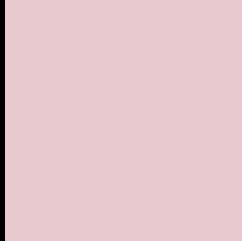
Large Text (above 18pt) WCAG AA × Fail

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 63.3853, 0.3334, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

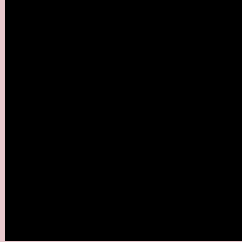
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3853, 0.3334, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 63.3853, 0.3334, 0.3236.



This preview shows how white text looks on a background with the Yxy color 63.3853, 0.3334, 0.3236.

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

63.3853, 0.3334, 0.3236

Protanopia

63.7619, 0.3143, 0.3267

Deuteranopia

63.5203, 0.3317, 0.3247



Tritanopia

63.5385, 0.3275, 0.3128

Trichromacy



Original Color

63.3853, 0.3334, 0.3236

Protanomaly

63.3262, 0.3206, 0.3245

Deuteranomaly

63.6862, 0.3325, 0.3247

Tritanomaly

63.3857, 0.3298, 0.3160

Monochromacy



Original Color

63.3853, 0.3334, 0.3236

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.2892, 0.3204, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3853, 0.3334, 0.3236 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, 201, 206)` looks like.

```
.text, #text, p{  
    color:rgb(232, 201, 206)  
}
```

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, 201, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 201, 206) }
```

Border

The CSS property to change the border of an element to Yxy 63.3853, 0.3334, 0.3236 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, 201, 206) }
```

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

```
.border{ border-color:rgb(232, 201, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 201, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 201, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 201, 206);  
box-shadow:4px 4px 4px 4px rgb(232, 201,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3853, 0.3334, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 201, 206) }
```

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

```
.background{ background-color: rgb(232,  
201, 206) }
```

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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