

Converting Colors

Yxy(63.4305, 0.3332, 0.3269)

Have a look what the booklet for
Yxy(63.4305, 0.3332, 0.3269)
contains.

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Color

Yxy(63.4237, 0.3332, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E6CACC
RGB	230, 202, 204
RGB Percent	90%, 79%, 80%
CMY	0.0981, 0.2078, 0.2001
CMYK	0.00, 0.12, 0.11, 0.10
HSL	356°, 36%, 85%
HSV	356°, 12%, 90%
XYZ	64.6460, 63.4237, 65.9459
YIQ	210.6000, 16.0460, 6.5580

Conversions

Conversions Part 2

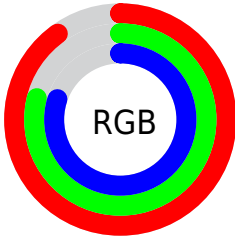
Format	Color
R _Y B	230, 202, 204
Decimal	15125196
CIE Lab	83.66, 10.13, 2.62
CIE LCh	84, 10.459, 14.512
Yxy	63.4237, 0.3332, 0.3269
Android (android.graphics.Color)	4293315276 (0xFFE6CACC)
YUV	210.6000, -3.2538, 17.0138
Hunter-Lab	79.6390, 5.5270, 6.6516

Details

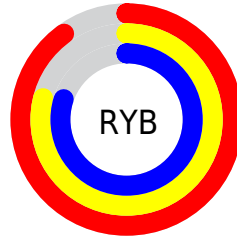
The Yxy color **63.4237, 0.3332, 0.3269** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.7451, 0.2953, 0.3311**, and the grayscale version is **64.8774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.3805, 0.3380, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **52.4688, 0.3547, 0.3251**, and if you desaturate by 10%, it is **76.1335, 0.3160, 0.3286**.

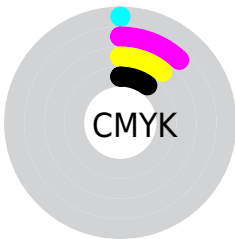
Distribution



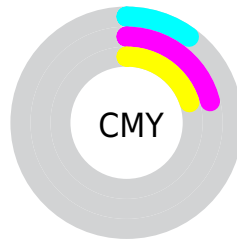
- Red (90%)
- Green (79%)
- Blue (80%)



- Red (90%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (11%)
- Black (10%)





- Cyan (10%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4237, 0.3332, 0.3269 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 63.4237, 0.3332, 0.3269 by changing the saturation by 10% instead.


 63.4237, 0.3332,
0.3269

 63.4237, 0.3332,
0.3269

437.1055, 0.3234,
0.3280

 46.1841, 0.3355,
0.3266


109.7806, 0.3298,
0.3273

 32.3911, 0.3384,
0.3263


139.6666, 0.3284,
0.3274

 21.6604, 0.3421,
0.3258


174.5368, 0.3273,
0.3276

 13.6076, 0.3471,
0.3252

214.7757, 0.3263,
0.3277

 7.8482, 0.3541,
0.3243

260.7676, 0.3255,
0.3278

 3.9980, 0.3646,
0.3228

312.8970, 0.3247,

 1.6724, 0.3823,

0.3278

371.5482, 0.3240,
0.3279

0.3201

0.4057, 0.4879,
0.3128

0.0000, 0.0000,
0.0000

63.4237, 0.3332,
0.3269

63.4237, 0.3332,
0.3269

52.4688, 0.3547,
0.3251

76.1335, 0.3160,
0.3286

43.1836, 0.3815,
0.3232

90.6615, 0.3021,
0.3302

35.4888, 0.4143,
0.3214

95.5601, 0.2976,
0.3290

29.2950, 0.4534,
0.3200

■ 24.5043, 0.4978,
0.3193

■ 21.0069, 0.5441,
0.3197

■ 18.6768, 0.5868,
0.3214

■ 17.3629, 0.6188,
0.3244

■ 16.8579, 0.6341,
0.3267

Harmonies

Analogous

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



63.4237, 0.3223, 0.3163



63.4237, 0.3332, 0.3269



63.4237, 0.3386, 0.3383

Triad

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



63.4237, 0.3332, 0.3269



63.4237, 0.3161, 0.3502



63.4237, 0.2891, 0.3102

Complementary

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



63.4237, 0.3332, 0.3269



74.7451, 0.2953, 0.3311

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.



63.4237, 0.2876, 0.3189



63.4237, 0.3332, 0.3269



63.4237, 0.3029, 0.3423

Square

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



63.4237, 0.3332, 0.3269



63.4237, 0.3285, 0.3520



63.4237, 0.2926, 0.3307



63.4237, 0.2968, 0.3067

Rectangle

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



63.4237, 0.3332, 0.3269



63.4237, 0.3382, 0.3449



63.4237, 0.2926, 0.3307



63.4237, 0.2879, 0.3126

Sweetspot

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



63.4265, 0.3332, 0.3269



93.0680, 0.3189, 0.3283



64.3972, 0.3124, 0.2989



19.6502, 0.3201, 0.3282



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.



63.4265, 0.3332, 0.3269



75.8943, 0.3390, 0.3264



69.0103, 0.3331, 0.3418



14.3843, 0.3281, 0.3274



9.5521, 0.6323, 0.3257



0.7116, 0.6118, 0.3144

Inverse Universe

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



63.4265, 0.3332, 0.3269



75.8943, 0.3390, 0.3264



68.5845, 0.2939, 0.3159



14.3843, 0.3281, 0.3274



9.5521, 0.6323, 0.3257



0.7116, 0.6118, 0.3144

Previews

White Background



This preview shows how the Yxy color 63.4237, 0.3332, 0.3269 looks on a white background.

Color Contrast Check

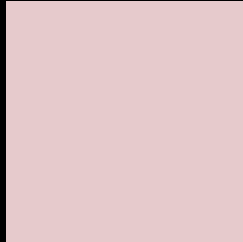
Large Text (above 18pt) WCAG AA × Fail

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 63.4237, 0.3332, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

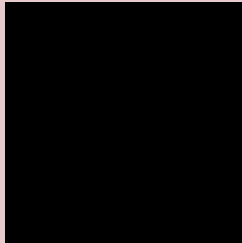
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4237, 0.3332, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 63.4237, 0.3332, 0.3269.



This preview shows how white text looks on a background with the Yxy color 63.4237, 0.3332, 0.3269.

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

63.4237, 0.3332, 0.3269

Protanopia

63.7629, 0.3172, 0.3302

Deuteranopia

63.4237, 0.3332, 0.3269



Tritanopia

63.4222, 0.3260, 0.3117

Trichromacy



Original Color

63.4237, 0.3332, 0.3269

Protanomaly

63.6589, 0.3227, 0.3290

Deuteranomaly

63.4237, 0.3332, 0.3269

Tritanomaly

63.5157, 0.3281, 0.3171

Monochromacy



Original Color

63.4237, 0.3332, 0.3269

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.5712, 0.3203, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4237, 0.3332, 0.3269 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(230, 202, 204)` looks like.

```
.text, #text, p{  
    color:rgb(230, 202, 204)  
}
```

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(230, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 202, 204) }
```

Border

The CSS property to change the border of an element to Yxy 63.4237, 0.3332, 0.3269 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(230, 202, 204) }
```

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

```
.border{ border-color:rgb(230, 202, 204) }
```

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

Here you see how a box with a 4 pixel rgb(230, 202, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(230, 202,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4237, 0.3332, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 202, 204) }
```

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

```
.background{ background-color: rgb(230,  
202, 204) }
```

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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