

Converting Colors

Yxy(63.2261, 0.3343, 0.3291)

Have a look what the booklet for
Yxy(63.2261, 0.3343, 0.3291)
contains.

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Color

Yxy(63.1633, 0.3339, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	E5CACA
RGB	229, 202, 202
RGB Percent	90%, 79%, 79%
CMY	0.1021, 0.2078, 0.2079
CMYK	0.00, 0.12, 0.12, 0.10
HSL	0°, 34%, 84%
HSV	0°, 12%, 90%
XYZ	64.0846, 63.1633, 64.6795
YIQ	210.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

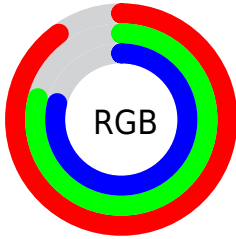
Format	Color
R _Y B	229, 202, 202
Decimal	15059658
CIE Lab	83.53, 9.44, 3.48
CIE LCh	84, 10.057, 20.217
Yxy	63.1633, 0.3339, 0.3291
Android (android.graphics.Color)	4293249738 (0xFFE5CACA)
YUV	210.0730, -3.9800, 16.5990
Hunter-Lab	79.4753, 4.8507, 7.3807

Details

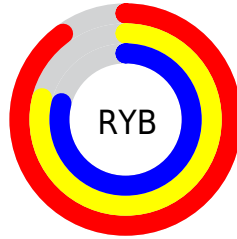
The Yxy color **63.1633, 0.3339, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.2098, 0.2947, 0.3289**, and the grayscale version is **64.5167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2022, 0.3390, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **52.2125, 0.3569, 0.3292**, and if you desaturate by 10%, it is **75.8705, 0.3156, 0.3290**.

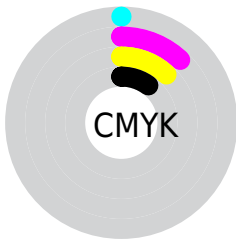
Distribution



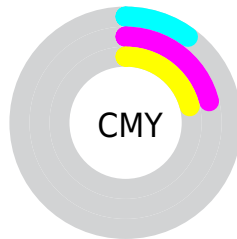
- Red (90%)
- Green (79%)
- Blue (79%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1633, 0.3339, 0.3291 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 63.1633, 0.3339, 0.3291 by changing the saturation by 10% instead.


 63.1633, 0.3339,
0.3291

 63.1633, 0.3339,
0.3291


436.1619, 0.3238,
0.3291

 45.9733, 0.3363,
0.3291


109.4051, 0.3303,
0.3291

 32.2248, 0.3393,
0.3290


139.2257, 0.3290,
0.3291

 21.5332, 0.3431,
0.3290


174.0252, 0.3278,
0.3291

 13.5143, 0.3483,
0.3288

214.1882, 0.3268,
0.3291

 7.7837, 0.3556,
0.3286

260.0990, 0.3259,
0.3291

 3.9568, 0.3666,
0.3281

312.1419, 0.3251,

 1.6494, 0.3851,

0.3291

0.3269

370.7014, 0.3244,
0.3291

0.3906, 0.5122,
0.3326

0.0000, 0.0000,
0.0000

63.1633, 0.3339,
0.3291

63.1633, 0.3339,
0.3291

52.2125, 0.3569,
0.3292

75.8705, 0.3156,
0.3290

42.9329, 0.3855,
0.3293

90.3976, 0.3009,
0.3289

35.2450, 0.4207,
0.3295

95.3927, 0.2970,
0.3290

29.0593, 0.4625,
0.3296

■ 24.2776, 0.5095,
0.3298

■ 20.7902, 0.5574,
0.3299

■ 18.4707, 0.5993,
0.3300

■ 17.1679, 0.6277,
0.3300

■ 16.6594, 0.6400,
0.3300

Harmonies

Analogous

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



63.1633, 0.3242, 0.3185



63.1633, 0.3339, 0.3291



63.1633, 0.3378, 0.3399

Triad

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



63.1633, 0.3339, 0.3291



63.1633, 0.3135, 0.3483



63.1633, 0.2910, 0.3098

Complementary

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



63.1633, 0.3339, 0.3291



74.2098, 0.2947, 0.3289

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.



63.1633, 0.2883, 0.3174



63.1633, 0.3339, 0.3291



63.1633, 0.3011, 0.3398

Square

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



63.1633, 0.3339, 0.3291



63.1633, 0.3259, 0.3513



63.1633, 0.2919, 0.3284



63.1633, 0.2994, 0.3075

Rectangle

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



63.1633, 0.3339, 0.3291



63.1633, 0.3366, 0.3458



63.1633, 0.2919, 0.3284



63.1633, 0.2894, 0.3118

Sweetspot

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



63.1661, 0.3339, 0.3291



93.0326, 0.3193, 0.3290



64.5409, 0.3141, 0.3001



19.6413, 0.3206, 0.3290



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.



63.1661, 0.3339, 0.3291



77.2352, 0.3387, 0.3291



69.7592, 0.3321, 0.3438



14.3711, 0.3293, 0.3291



9.5295, 0.6400, 0.3301



0.7053, 0.6397, 0.3303

Inverse Universe

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



74.2098, 0.2947, 0.3289



93.8158, 0.2913, 0.3289



67.0526, 0.2944, 0.3138



16.3329, 0.2982, 0.3289



35.1783, 0.2245, 0.3283



2.6006, 0.2246, 0.3284

Previews

White Background



This preview shows how the Yxy color 63.1633, 0.3339, 0.3291 looks on a white background.

Color Contrast Check

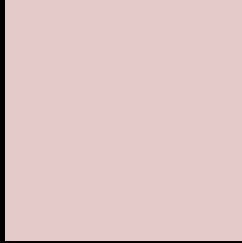
Large Text (above 18pt) WCAG AA × Fail

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 63.1633, 0.3339, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

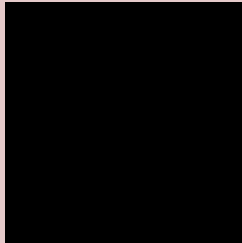
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1633, 0.3339, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 63.1633, 0.3339, 0.3291.

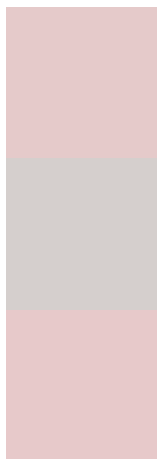


This preview shows how white text looks on a background with the Yxy color 63.1633, 0.3339, 0.3291.

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

63.1633, 0.3339, 0.3291

Protanopia

63.1796, 0.3187, 0.3313

Deuteranopia

63.0265, 0.3356, 0.3280



Tritanopia

63.2553, 0.3252, 0.3117

Trichromacy



Original Color

63.1633, 0.3339, 0.3291

Protanomaly

63.0823, 0.3242, 0.3302

Deuteranomaly

62.8606, 0.3349, 0.3280

Tritanomaly

63.2994, 0.3281, 0.3181

Monochromacy



Original Color

63.1633, 0.3339, 0.3291

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.8824, 0.3203, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1633, 0.3339, 0.3291 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(229, 202, 202)` looks like.

```
.text, #text, p{  
    color:rgb(229, 202, 202)  
}
```

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(229, 202, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 202, 202) }
```

Border

The CSS property to change the border of an element to Yxy 63.1633, 0.3339, 0.3291 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(229, 202, 202) }
```

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

```
.border{ border-color:rgb(229, 202, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 202, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 202, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 202, 202);  
box-shadow:4px 4px 4px 4px rgb(229, 202,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1633, 0.3339, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 202, 202) }
```

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

```
.background{ background-color: rgb(229,  
202, 202) }
```

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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