

Converting Colors

Yxy(62.9667, 0.3390, 0.3372)

Have a look what the booklet for
Yxy(62.9667, 0.3390, 0.3372)
contains.

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Color

Yxy(62.8392, 0.3392, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	E5CAC3
RGB	229, 202, 195
RGB Percent	90%, 79%, 76%
CMY	0.1022, 0.2077, 0.2354
CMYK	0.00, 0.12, 0.15, 0.10
HSL	12°, 39%, 83%
HSV	12°, 15%, 90%
XYZ	63.2682, 62.8392, 60.4144
YIQ	209.2750, 18.3390, 3.5470

Conversions

Conversions Part 2

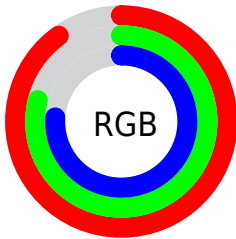
Format	Color
R _Y B	229, 204, 195
Decimal	15059651
CIE Lab	83.36, 8.30, 6.96
CIE LCh	83, 10.835, 39.978
Yxy	62.8392, 0.3392, 0.3369
Android (android.graphics.Color)	4293249731 (0xFFE5CAC3)
YUV	209.2750, -7.0376, 17.2988
Hunter-Lab	79.2712, 3.7405, 10.3035

Details

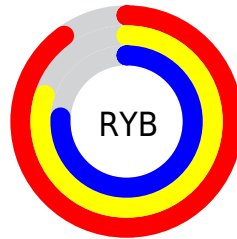
The Yxy color **62.8392, 0.3392, 0.3369** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.4418, 0.2899, 0.3210**, and the grayscale version is **63.9844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **31.9871, 0.3461, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **53.8627, 0.3617, 0.3426**, and if you desaturate by 10%, it is **72.9813, 0.3205, 0.3315**.

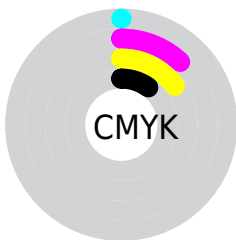
Distribution



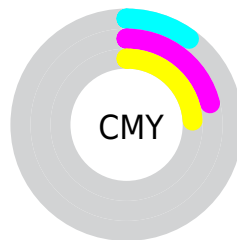
- Red (90%)
- Green (79%)
- Blue (76%)



- Red (90%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (15%)
- Black (10%)





- Cyan (10%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8392, 0.3392, 0.3369 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 62.8392, 0.3392, 0.3369 by changing the saturation by 10% instead.


 62.8392, 0.3392,
0.3369

 62.8392, 0.3392,
0.3369


434.9857, 0.3265,
0.3333

 45.7111, 0.3422,
0.3377


 108.9375, 0.3347,
0.3357

 32.0179, 0.3460,
0.3387


138.6765, 0.3330,
0.3352

 21.3752, 0.3508,
0.3400


173.3880, 0.3315,
0.3347

 13.3985, 0.3573,
0.3416


213.4563, 0.3303,
0.3344

 7.7035, 0.3665,
0.3438

259.2658, 0.3292,
0.3341

 3.9058, 0.3804,
0.3468

311.2009, 0.3282,

 1.6210, 0.4037,

0.3338

0.3510

369.6461, 0.3273,
0.3335

0.3717, 0.5993,
0.4007

0.0000, 0.0000,
0.0000

62.8392, 0.3392,
0.3369

62.8392, 0.3392,
0.3369

53.8627, 0.3617,
0.3426

72.9813, 0.3205,
0.3315

46.0017, 0.3888,
0.3485

84.3203, 0.3051,
0.3265

39.2147, 0.4207,
0.3540

95.3883, 0.2969,
0.3290

33.4545, 0.4575,
0.3587

■ 28.6701, 0.4979,
0.3616

■ 24.8063, 0.5392,
0.3617

■ 21.8018, 0.5771,
0.3584

■ 19.5875, 0.6066,
0.3514

■ 18.7206, 0.6183,
0.3473

Harmonies

Analogous

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



62.8392, 0.3326, 0.3250



62.8392, 0.3392, 0.3369



62.8392, 0.3385, 0.3471

Triad

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



62.8392, 0.3392, 0.3369



62.8392, 0.3045, 0.3444



62.8392, 0.2947, 0.3060

Complementary

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



62.8392, 0.3392, 0.3369



69.4418, 0.2899, 0.3210

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.



62.8392, 0.2875, 0.3105



62.8392, 0.3392, 0.3369



62.8392, 0.2931, 0.3326

Square

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



62.8392, 0.3392, 0.3369



62.8392, 0.3183, 0.3517



62.8392, 0.2870, 0.3202



62.8392, 0.3067, 0.3075

Rectangle

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



62.8392, 0.3392, 0.3369



62.8392, 0.3340, 0.3514



62.8392, 0.2870, 0.3202



62.8392, 0.2916, 0.3068

Sweetspot

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



62.8420, 0.3392, 0.3369



94.3104, 0.3192, 0.3311



60.9536, 0.3194, 0.2995



19.9632, 0.3205, 0.3315



0.0000, 0.0000, 0.0000



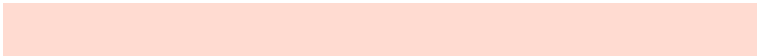
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.8420, 0.3392, 0.3369



76.3339, 0.3461, 0.3388



71.1224, 0.3365, 0.3550



14.8499, 0.3287, 0.3339



10.8490, 0.6159, 0.3492



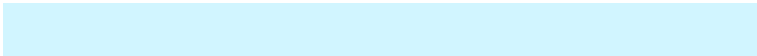
0.9336, 0.5883, 0.3711

Inverse Universe

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



69.4418, 0.2899, 0.3210



86.3849, 0.2850, 0.3190



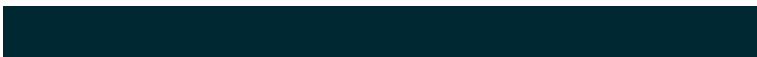
60.9986, 0.2892, 0.3016



15.8020, 0.2981, 0.3240



22.4242, 0.2059, 0.2611



1.7851, 0.2089, 0.2721

Previews

White Background



This preview shows how the Yxy color 62.8392, 0.3392, 0.3369 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 62.8392, 0.3392, 0.3369 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 62.8392, 0.3392, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 62.8392, 0.3392, 0.3369.



This preview shows how white text looks on a background with the Yxy color 62.8392, 0.3392, 0.3369.

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

62.8392, 0.3392, 0.3369

Protanopia

62.9990, 0.3245, 0.3393

Deuteranopia

63.0371, 0.3426, 0.3357



Tritanopia

62.9089, 0.3268, 0.3117

Trichromacy



Original Color

62.8392, 0.3392, 0.3369

Protanomaly

62.7539, 0.3293, 0.3381

Deuteranomaly

62.8692, 0.3418, 0.3357

Tritanomaly

62.8515, 0.3312, 0.3203

Monochromacy



Original Color

62.8392, 0.3392, 0.3369

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.1012, 0.3218, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8392, 0.3392, 0.3369 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(229, 202, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 202, 195) }
```

Border

The CSS property to change the border of an element to Yxy 62.8392, 0.3392, 0.3369 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, 195) }
```

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

```
.border{ border-color:rgb(229, 202, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 202, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 202, 195); box-shadow:4px 4px 4px 4px rgb(229, 202, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8392, 0.3392, 0.3369 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, 195) }
```

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

```
.background{ background-color: rgb(229,  
202, 195) }
```

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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