

Converting Colors

Yxy(62.1657, 0.3229, 0.3115)

Have a look what the booklet for
Yxy(62.1657, 0.3229, 0.3115)
contains.

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Color

Yxy(62.0840, 0.3229, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	E3C7D7
RGB	227, 199, 215
RGB Percent	89%, 78%, 84%
CMY	0.1100, 0.2195, 0.1569
CMYK	0.00, 0.12, 0.05, 0.11
HSL	326°, 33%, 84%
HSV	326°, 12%, 89%
XYZ	64.3561, 62.0840, 72.8665
YIQ	209.1960, 11.5520, 10.9120

Conversions

Conversions Part 2

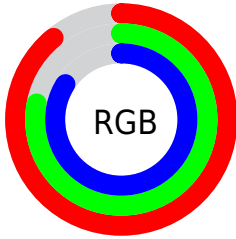
Format	Color
R _Y B	227, 199, 215
Decimal	14927831
CIE Lab	82.96, 12.51, -4.32
CIE LCh	83, 13.238, 340.948
Yxy	62.0840, 0.3229, 0.3115
Android (android.graphics.Color)	4293117911 (0xFFE3C7D7)
YUV	209.1960, 2.8614, 15.6141
Hunter-Lab	78.7934, 7.9050, 0.3252

Details

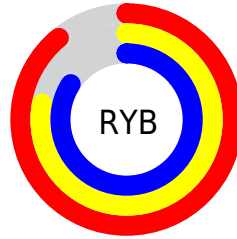
The Yxy color $62.0840, 0.3229, 0.3115$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $71.7655, 0.3037, 0.3472$, and the grayscale version is $63.8688, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.4468, 0.3252, 0.3074$ is the 20% darker color. If you saturate the color by 10%, you get $51.9228, 0.3330, 0.2965$, and if you desaturate by 10%, it is $73.8380, 0.3145, 0.3258$.

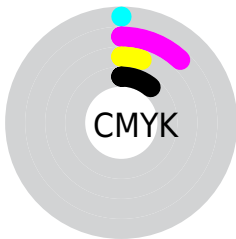
Distribution



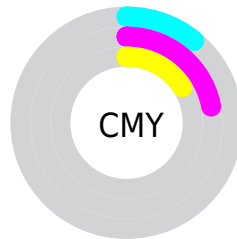
- Red (89%)
- Green (78%)
- Blue (84%)



- Red (89%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (11%)




- Cyan (11%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0840, 0.3229, 0.3115 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 62.0840, 0.3229, 0.3115 by changing the saturation by 10% instead.

 62.0840, 0.3229,
0.3115

 62.0840, 0.3229,
0.3115

432.2374, 0.3181,
0.3197

 45.1006, 0.3240,
0.3096

107.8469, 0.3212,
0.3144

 31.5367, 0.3254,
0.3072


137.3952, 0.3206,
0.3155

 21.0078, 0.3272,
0.3042


171.9006, 0.3200,
0.3164

 13.1297, 0.3295,
0.3002

211.7474, 0.3195,
0.3173

 7.5179, 0.3328,
0.2946

257.3201, 0.3191,
0.3180

 3.7881, 0.3377,
0.2864

309.0031, 0.3187,

 1.5557, 0.3456,

0.3186

0.2730

367.1807, 0.3184,
0.3192

0.3275, 0.3848,
0.2043

0.0000, 0.0000,
0.0000

62.0840, 0.3229,
0.3115

62.0840, 0.3229,
0.3115

51.9228, 0.3330,
0.2965

73.8380, 0.3145,
0.3258

43.2770, 0.3450,
0.2813

87.2417, 0.3074,
0.3393

36.0751, 0.3590,
0.2664

94.3872, 0.3017,
0.3399

30.2362, 0.3751,
0.2526

94.9948, 0.2964,
0.3300

■ 25.6718, 0.3931,
0.2410

■ 95.0646, 0.2958,
0.3290

■ 22.2824, 0.4126,
0.2328

■ 19.9539, 0.4329,
0.2292

■ 18.5490, 0.4532,
0.2309

■ 17.9263, 0.4683,
0.2354

Harmonies

Analogous

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



62.0840, 0.3058, 0.3029



62.0840, 0.3229, 0.3115



62.0840, 0.3375, 0.3245

Triad

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



62.0840, 0.3229, 0.3115



62.0840, 0.3344, 0.3581



62.0840, 0.2811, 0.3176

Complementary

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



62.0840, 0.3229, 0.3115



71.7655, 0.3037, 0.3472

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.



62.0840, 0.2884, 0.3329



62.0840, 0.3229, 0.3115



62.0840, 0.3189, 0.3569

Square

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



62.0840, 0.3229, 0.3115



62.0840, 0.3442, 0.3514



62.0840, 0.3021, 0.3475



62.0840, 0.2821, 0.3060

Rectangle

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



62.0840, 0.3229, 0.3115



62.0840, 0.3437, 0.3342



62.0840, 0.3021, 0.3475



62.0840, 0.2827, 0.3225

Sweetspot

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



62.0867, 0.3229, 0.3115



93.3853, 0.3158, 0.3234



60.2000, 0.3018, 0.2976



19.7304, 0.3164, 0.3223



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.



62.0867, 0.3229, 0.3115



76.9651, 0.3255, 0.3074



61.4150, 0.3332, 0.3265



14.5053, 0.3203, 0.3157



10.4825, 0.4655, 0.2338



0.7932, 0.4386, 0.2190

Inverse Universe

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



62.0867, 0.3229, 0.3115



76.9651, 0.3255, 0.3074



72.4784, 0.2953, 0.3316



14.5053, 0.3203, 0.3157



10.4825, 0.4655, 0.2338



0.7932, 0.4386, 0.2190

Previews

White Background



This preview shows how the Yxy color 62.0840, 0.3229, 0.3115 looks on a white background.

Color Contrast Check

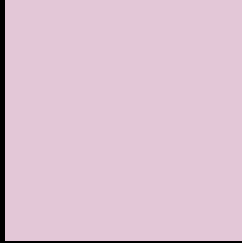
Large Text (above 18pt) WCAG AA × Fail

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 62.0840, 0.3229, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

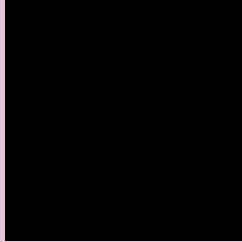
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0840, 0.3229, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 62.0840, 0.3229, 0.3115.



This preview shows how white text looks on a background with the Yxy color 62.0840, 0.3229, 0.3115.

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

62.0840, 0.3229, 0.3115

Protanopia

62.0425, 0.3045, 0.3130

Deuteranopia

61.9028, 0.3197, 0.3124



Tritanopia

62.0840, 0.3229, 0.3115

Trichromacy



Original Color

62.0840, 0.3229, 0.3115

Protanomaly

62.0700, 0.3105, 0.3121

Deuteranomaly

62.0621, 0.3205, 0.3124

Tritanomaly

62.0840, 0.3229, 0.3115

Monochromacy



Original Color

62.0840, 0.3229, 0.3115

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.9647, 0.3168, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0840, 0.3229, 0.3115 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(227, 199, 215)` looks like.

```
.text, #text, p{  
    color:rgb(227, 199, 215)  
}
```

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(227, 199, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 199, 215) }
```

Border

The CSS property to change the border of an element to Yxy 62.0840, 0.3229, 0.3115 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(227, 199, 215) }
```

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

```
.border{ border-color:rgb(227, 199, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 199, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 199, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 199, 215);  
box-shadow:4px 4px 4px 4px rgb(227, 199,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0840, 0.3229, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 199, 215) }
```

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

```
.background{ background-color: rgb(227,  
199, 215) }
```

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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