

Converting Colors

Yxy(62.5497, 0.3142, 0.2952)

Have a look what the booklet for
Yxy(62.5497, 0.3142, 0.2952)
contains.

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Color

Yxy(62.7033, 0.3143, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	E5C6E5
RGB	229, 198, 229
RGB Percent	90%, 78%, 90%
CMY	0.1019, 0.2235, 0.1021
CMYK	0.00, 0.14, 0.00, 0.10
HSL	300°, 37%, 84%
HSV	300°, 14%, 90%
XYZ	66.6474, 62.7033, 82.6997
YIQ	210.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

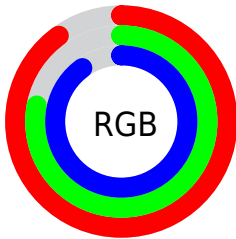
Format	Color
R _Y B	229, 198, 229
Decimal	15058661
CIE Lab	83.29, 16.25, -11.30
CIE LCh	83, 19.790, 325.196
Yxy	62.7033, 0.3143, 0.2957
Android (android.graphics.Color)	4293248741 (0xFFE5C6E5)
YUV	210.8030, 8.9711, 15.9588
Hunter-Lab	79.1854, 11.6624, -6.4915

Details

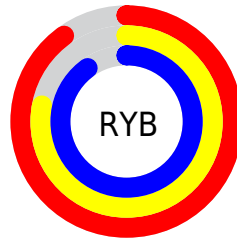
The Yxy color $62.7033, 0.3143, 0.2957$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $72.1260, 0.3110, 0.3647$, and the grayscale version is $64.9412, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.8867, 0.3137, 0.2870$ is the 20% darker color. If you saturate the color by 10%, you get $53.0149, 0.3155, 0.2706$, and if you desaturate by 10%, it is $73.9798, 0.3131, 0.3204$.

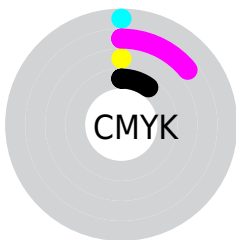
Distribution



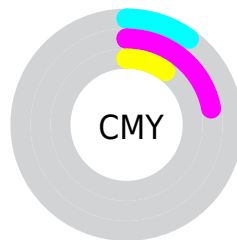
- Red (90%)
- Green (78%)
- Blue (90%)



- Red (90%)
- Yellow (78%)
- Blue (90%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)




- Cyan (10%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7033, 0.3143, 0.2957 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 62.7033, 0.3143, 0.2957 by changing the saturation by 10% instead.


 62.7033, 0.3143,
0.2957

 62.7033, 0.3143,
0.2957

434.4919, 0.3137,
0.3111

 45.6012, 0.3144,
0.2922


108.7414, 0.3141,
0.3010

 31.9313, 0.3145,
0.2878


138.4461, 0.3141,
0.3031

 21.3090, 0.3146,
0.2823


173.1206, 0.3140,
0.3049

 13.3501, 0.3146,
0.2751

213.1491, 0.3139,
0.3065

 7.6700, 0.3146,
0.2653

258.9161, 0.3139,
0.3078

 3.8845, 0.3143,
0.2512

310.8060, 0.3138,

 1.6092, 0.3133,

0.3091

0.2293

369.2031, 0.3138,
0.3101

0.3638, 0.3215,
0.1575

0.0000, 0.0000,
0.0000

62.7033, 0.3143,
0.2957

62.7033, 0.3143,
0.2957

53.0149, 0.3155,
0.2706

73.9798, 0.3131,
0.3204

44.8357, 0.3167,
0.2460

86.9027, 0.3120,
0.3443

38.0923, 0.3178,
0.2228

93.8377, 0.3115,
0.3555

32.7017, 0.3188,
0.2019

93.8389, 0.3114,
0.3554

■ 28.5727, 0.3196,
0.1842

■ 93.8401, 0.3114,
0.3554

■ 25.6029, 0.3203,
0.1706

■ 93.8412, 0.3114,
0.3554

■ 23.6736, 0.3208,
0.1612

■ 93.8424, 0.3114,
0.3554

■ 22.6411, 0.3211,
0.1560

■ 93.8436, 0.3114,
0.3553

■ 22.3042, 0.3211,
0.1543

■ 93.8447, 0.3114,
0.3553

Harmonies

Analogous

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



62.7033, 0.2900, 0.2878



62.7033, 0.3143, 0.2957



62.7033, 0.3391, 0.3116

Triad

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



62.7033, 0.3143, 0.2957



62.7033, 0.3541, 0.3682



62.7033, 0.2703, 0.3232

Complementary

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



62.7033, 0.3143, 0.2957



72.1260, 0.3110, 0.3647

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.



62.7033, 0.2862, 0.3469



62.7033, 0.3143, 0.2957



62.7033, 0.3345, 0.3735

Square

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



62.7033, 0.3143, 0.2957



62.7033, 0.3625, 0.3527



62.7033, 0.3096, 0.3658



62.7033, 0.2653, 0.3024

Rectangle

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



62.7033, 0.3143, 0.2957



62.7033, 0.3522, 0.3251



62.7033, 0.3096, 0.3658



62.7033, 0.2745, 0.3312

Sweetspot

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



62.7060, 0.3143, 0.2957



93.6633, 0.3132, 0.3193



58.0559, 0.2911, 0.2932



19.8009, 0.3133, 0.3174



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.



62.7060, 0.3143, 0.2957



76.6720, 0.3146, 0.2893



61.8801, 0.3257, 0.3121



14.6150, 0.3138, 0.3059



12.7522, 0.3211, 0.1543



0.9424, 0.3211, 0.1543

Inverse Universe

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



62.7060, 0.3143, 0.2957



76.6720, 0.3146, 0.2893



72.8769, 0.3014, 0.3466



14.6150, 0.3138, 0.3059



12.7522, 0.3211, 0.1543



0.9424, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 62.7033, 0.3143, 0.2957 looks on a white background.

Color Contrast Check

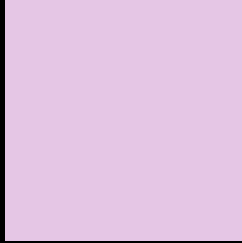
Large Text (above 18pt) WCAG AA × Fail

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 62.7033, 0.3143, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

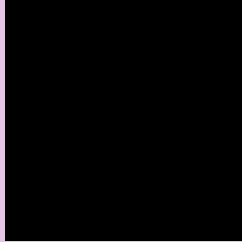
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7033, 0.3143, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 62.7033, 0.3143, 0.2957.



This preview shows how white text looks on a background with the Yxy color 62.7033, 0.3143, 0.2957.

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

62.7033, 0.3143, 0.2957

Protanopia

62.7796, 0.2916, 0.2975

Deuteranopia

62.7479, 0.3065, 0.3003



Tritanopia

62.5973, 0.3221, 0.3115

Trichromacy



Original Color

62.7033, 0.3143, 0.2957

Protanomaly

62.5351, 0.2994, 0.2968

Deuteranomaly

62.9043, 0.3095, 0.2995

Tritanomaly

62.5613, 0.3193, 0.3051

Monochromacy



Original Color

62.7033, 0.3143, 0.2957

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.1100, 0.3133, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7033, 0.3143, 0.2957 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, 198, 229)` looks like.

```
.text, #text, p{  
    color:rgb(229, 198, 229)  
}
```

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, 198, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 198, 229) }
```

Border

The CSS property to change the border of an element to Yxy 62.7033, 0.3143, 0.2957 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, 198, 229) }
```

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

```
.border{ border-color:rgb(229, 198, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 198, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 198, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 198, 229);  
box-shadow:4px 4px 4px 4px rgb(229, 198,  
229) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.7033, 0.3143, 0.2957$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 198, 229) }
```

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

```
.background{ background-color: rgb(229,  
198, 229) }
```

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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