

Converting Colors

$Y_{xy}(62.4070, 0.3233, 0.3100)$

Have a look what the booklet for
Yxy(62.4070, 0.3233, 0.3100)
contains.

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Color

Yxy(62.4627, 0.3237, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	E5C7D8
RGB	229, 199, 216
RGB Percent	90%, 78%, 85%
CMY	0.1022, 0.2195, 0.1530
CMYK	0.00, 0.13, 0.06, 0.10
HSL	326°, 36%, 84%
HSV	326°, 13%, 90%
XYZ	65.1181, 62.4627, 73.5873
YIQ	209.9080, 12.4230, 11.6470

Conversions

Conversions Part 2

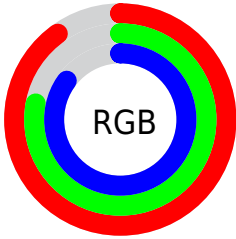
Format	Color
R _Y B	229, 199, 216
Decimal	15058904
CIE Lab	83.16, 13.37, -4.55
CIE LCh	83, 14.127, 341.210
Yxy	62.4627, 0.3237, 0.3105
Android (android.graphics.Color)	4293248984 (0xFFE5C7D8)
YUV	209.9080, 3.0034, 16.7437
Hunter-Lab	79.0333, 8.7635, 0.1189

Details

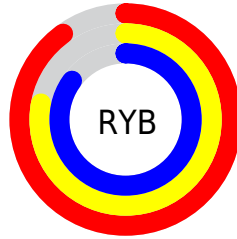
The Yxy color $62.4627, 0.3237, 0.3105$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $72.9076, 0.3031, 0.3483$, and the grayscale version is $64.3574, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.7082, 0.3263, 0.3062$ is the 20% darker color. If you saturate the color by 10%, you get $52.2117, 0.3340, 0.2956$, and if you desaturate by 10%, it is $74.3351, 0.3151, 0.3248$.

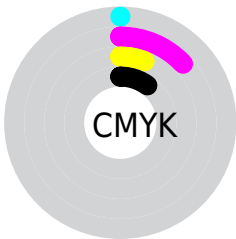
Distribution



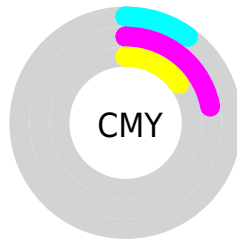
- Red (90%)
- Green (78%)
- Blue (85%)



- Red (90%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (10%)




- Cyan (10%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4627, 0.3237, 0.3105 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 62.4627, 0.3237, 0.3105 by changing the saturation by 10% instead.

 62.4627, 0.3237,
0.3105

 62.4627, 0.3237,
0.3105


433.6169, 0.3185,
0.3192

 45.4067, 0.3249,
0.3085


108.3940, 0.3219,
0.3135

 31.7779, 0.3264,
0.3060


138.0380, 0.3212,
0.3147

 21.1919, 0.3283,
0.3028


172.6469, 0.3206,
0.3157

 13.2643, 0.3308,
0.2986

212.6049, 0.3201,
0.3166

 7.6108, 0.3343,
0.2928

258.2965, 0.3196,
0.3174

 3.8469, 0.3395,
0.2842

310.1061, 0.3192,

 1.5883, 0.3480,

0.3180

0.2703

368.4181, 0.3189,
0.3186

0.3497, 0.3859,
0.2048

0.0000, 0.0000,
0.0000

62.4627, 0.3237,
0.3105

62.4627, 0.3237,
0.3105

52.2117, 0.3340,
0.2956

74.3351, 0.3151,
0.3248

43.5027, 0.3463,
0.2805

87.8874, 0.3079,
0.3382

36.2621, 0.3606,
0.2657

94.8063, 0.3020,
0.3383

30.4069, 0.3770,
0.2521

95.3894, 0.2969,
0.3290

■ 25.8458, 0.3954,
0.2408

■ 22.4762, 0.4152,
0.2330

■ 20.1800, 0.4358,
0.2299

■ 18.8144, 0.4563,
0.2322

■ 18.2574, 0.4701,
0.2363

Harmonies

Analogous

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



62.4627, 0.3055, 0.3013



62.4627, 0.3237, 0.3105



62.4627, 0.3392, 0.3243

Triad

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



62.4627, 0.3237, 0.3105



62.4627, 0.3357, 0.3601



62.4627, 0.2791, 0.3167

Complementary

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



62.4627, 0.3237, 0.3105



72.9076, 0.3031, 0.3483

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.



62.4627, 0.2867, 0.3330



62.4627, 0.3237, 0.3105



62.4627, 0.3191, 0.3587

Square

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



62.4627, 0.3237, 0.3105



62.4627, 0.3462, 0.3529



62.4627, 0.3012, 0.3487



62.4627, 0.2802, 0.3044

Rectangle

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



62.4627, 0.3237, 0.3105



62.4627, 0.3458, 0.3346



62.4627, 0.3012, 0.3487



62.4627, 0.2807, 0.3219

Sweetspot

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



62.4654, 0.3237, 0.3105



93.3828, 0.3158, 0.3235



60.4343, 0.3011, 0.2955



19.7297, 0.3164, 0.3224



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.



62.4654, 0.3237, 0.3105



75.5888, 0.3266, 0.3060



61.7492, 0.3347, 0.3263



14.5043, 0.3204, 0.3157



10.4686, 0.4672, 0.2347



0.7922, 0.4399, 0.2197

Inverse Universe

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



62.4654, 0.3237, 0.3105



75.5888, 0.3266, 0.3060



73.6713, 0.2943, 0.3317



14.5043, 0.3204, 0.3157



10.4686, 0.4672, 0.2347



0.7922, 0.4399, 0.2197

Previews

White Background



This preview shows how the Yxy color 62.4627, 0.3237, 0.3105 looks on a white background.

Color Contrast Check

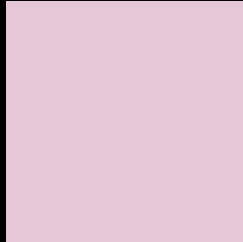
Large Text (above 18pt) WCAG AA × Fail

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 62.4627, 0.3237, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

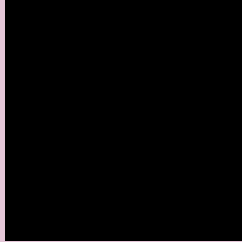
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4627, 0.3237, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 62.4627, 0.3237, 0.3105.

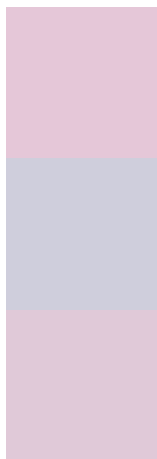


This preview shows how white text looks on a background with the Yxy color 62.4627, 0.3237, 0.3105.

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

62.4627, 0.3237, 0.3105

Protanopia

62.5753, 0.3038, 0.3131

Deuteranopia

62.5784, 0.3197, 0.3125



Tritanopia

62.4112, 0.3245, 0.3116

Trichromacy



Original Color

62.4627, 0.3237, 0.3105

Protanomaly

62.2734, 0.3105, 0.3111

Deuteranomaly

62.4352, 0.3213, 0.3114

Tritanomaly

62.4112, 0.3245, 0.3116

Monochromacy



Original Color

62.4627, 0.3237, 0.3105

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.6478, 0.3168, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4627, 0.3237, 0.3105 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, 199, 216)` looks like.

```
.text, #text, p{  
    color:rgb(229, 199, 216)  
}
```

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, 199, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 199, 216) }
```

Border

The CSS property to change the border of an element to Yxy 62.4627, 0.3237, 0.3105 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, 199, 216) }
```

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

```
.border{ border-color:rgb(229, 199, 216) }
```

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

Here you see how a box with a 4 pixel rgb(229, 199, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 199, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 199, 216);  
box-shadow:4px 4px 4px 4px rgb(229, 199,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4627, 0.3237, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 199, 216) }
```

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

```
.background{ background-color: rgb(229,  
199, 216) }
```

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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