

Converting Colors

$Yxy(63.3395, 0.3236, 0.3088)$

Have a look what the booklet for
Yxy(63.3395, 0.3236, 0.3088)
contains.

Yxy(63.4120, 0.3230, 0.3085)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.4120, 0.3230, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	E7C8DB
RGB	231, 200, 219
RGB Percent	91%, 78%, 86%
CMY	0.0941, 0.2157, 0.1412
CMYK	0.00, 0.13, 0.05, 0.09
HSL	323°, 39%, 85%
HSV	323°, 13%, 91%
XYZ	66.3925, 63.4120, 75.7450
YIQ	211.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

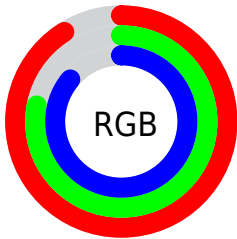
Format	Color
R _Y B	231, 200, 219
Decimal	15190235
CIE Lab	83.66, 14.08, -5.39
CIE LCh	84, 15.072, 339.057
Yxy	63.4120, 0.3230, 0.3085
Android (android.graphics.Color)	4293380315 (0xFFE7C8DB)
YUV	211.4350, 3.7295, 17.1585
Hunter-Lab	79.6317, 9.4680, -0.6540

Details

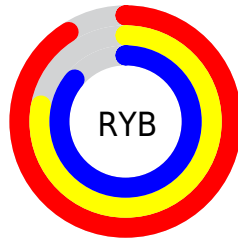
The Yxy color $63.4120, 0.3230, 0.3085$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $74.1856, 0.3036, 0.3504$, and the grayscale version is $65.4136, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.3521, 0.3253, 0.3036$ is the 20% darker color. If you saturate the color by 10%, you get $53.0514, 0.3324, 0.2925$, and if you desaturate by 10%, it is $75.4200, 0.3151, 0.3239$.

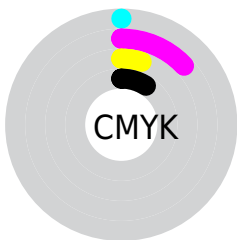
Distribution



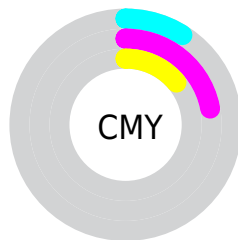
- Red (91%)
- Green (78%)
- Blue (86%)



- Red (91%)
- Yellow (78%)
- Blue (86%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (9%)





- Cyan (9%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4120, 0.3230, 0.3085 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 63.4120, 0.3230, 0.3085 by changing the saturation by 10% instead.


 63.4120, 0.3230,
0.3085

 63.4120, 0.3230,
0.3085

437.0632, 0.3182,
0.3181

 46.1746, 0.3241,
0.3063


109.7637, 0.3213,
0.3118

 32.3836, 0.3255,
0.3036


139.6468, 0.3207,
0.3131

 21.6547, 0.3272,
0.3001


174.5138, 0.3201,
0.3142

 13.6034, 0.3295,
0.2955

214.7493, 0.3196,
0.3152

 7.8453, 0.3327,
0.2892

260.7376, 0.3192,
0.3161

 3.9961, 0.3374,
0.2799


312.8631, 0.3188,

 1.6714, 0.3448,


0.3168


0.2652


371.5101, 0.3185,
0.3175


 0.4050, 0.3734,
0.2076


 0.0000, 0.0000,
0.0000


 63.4120, 0.3230,
0.3085


 63.4120, 0.3230,
0.3085


 53.0514, 0.3324,
0.2925


 75.4200, 0.3151,
0.3239


 44.2572, 0.3434,
0.2762

 89.1353, 0.3085,
0.3385

 36.9540, 0.3563,
0.2604

 95.1532, 0.3032,
0.3381

 31.0569, 0.3708,
0.2459

 95.7161, 0.2983,
0.3291

■ 26.4724, 0.3870,
0.2338

■ 95.7285, 0.2982,
0.3290

■ 23.0954, 0.4043,
0.2252

■ 20.8047, 0.4222,
0.2213

■ 19.4530, 0.4399,
0.2227

■ 18.9244, 0.4513,
0.2260

Harmonies

Analogous

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



63.4120, 0.3037, 0.2992



63.4120, 0.3230, 0.3085



63.4120, 0.3399, 0.3229

Triad

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



63.4120, 0.3230, 0.3085



63.4120, 0.3381, 0.3617



63.4120, 0.2774, 0.3170

Complementary

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



63.4120, 0.3230, 0.3085



74.1856, 0.3036, 0.3504

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.



63.4120, 0.2860, 0.3345



63.4120, 0.3230, 0.3085



63.4120, 0.3209, 0.3610

Square

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



63.4120, 0.3230, 0.3085



63.4120, 0.3487, 0.3535



63.4120, 0.3018, 0.3509



63.4120, 0.2778, 0.3036

Rectangle

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



63.4120, 0.3230, 0.3085



63.4120, 0.3473, 0.3338



63.4120, 0.3018, 0.3509



63.4120, 0.2793, 0.3226

Sweetspot

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



63.4148, 0.3230, 0.3085



93.4117, 0.3155, 0.3230



61.0626, 0.2999, 0.2945



19.7371, 0.3161, 0.3219



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.



63.4148, 0.3230, 0.3085



75.6971, 0.3254, 0.3043



62.6429, 0.3345, 0.3251



14.5156, 0.3197, 0.3147



10.6346, 0.4486, 0.2245



0.8039, 0.4250, 0.2115

Inverse Universe

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



63.4148, 0.3230, 0.3085



75.6971, 0.3254, 0.3043



74.9980, 0.2944, 0.3330



14.5156, 0.3197, 0.3147



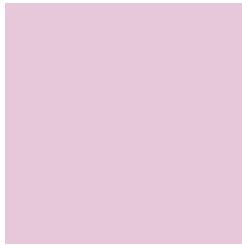
10.6346, 0.4486, 0.2245



0.8039, 0.4250, 0.2115

Previews

White Background



This preview shows how the Yxy color 63.4120, 0.3230, 0.3085 looks on a white background.

Color Contrast Check

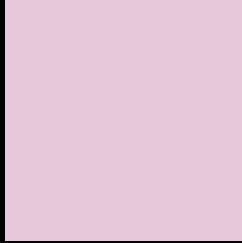
Large Text (above 18pt) WCAG AA × Fail

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 63.4120, 0.3230, 0.3085 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 63.4120, 0.3230, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 63.4120, 0.3230, 0.3085.

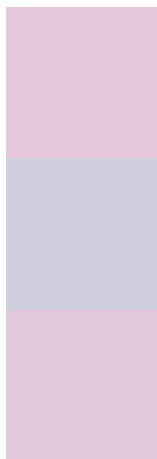


This preview shows how white text looks on a background with the Yxy color 63.4120, 0.3230, 0.3085.

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

63.4120, 0.3230, 0.3085

Protanopia

63.3633, 0.3025, 0.3109

Deuteranopia

63.2028, 0.3174, 0.3103



Tritanopia

63.2553, 0.3252, 0.3117

Trichromacy



Original Color

63.4120, 0.3230, 0.3085

Protanomaly

63.0586, 0.3091, 0.3089

Deuteranomaly

63.2187, 0.3198, 0.3094

Tritanomaly

63.3072, 0.3245, 0.3106

Monochromacy



Original Color

63.4120, 0.3230, 0.3085

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.3861, 0.3161, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4120, 0.3230, 0.3085 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(231, 200, 219)` looks like.

```
.text, #text, p{  
    color:rgb(231, 200, 219)  
}
```

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(231, 200, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 200, 219) }
```

Border

The CSS property to change the border of an element to Yxy 63.4120, 0.3230, 0.3085 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(231, 200, 219) }
```

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

```
.border{ border-color:rgb(231, 200, 219) }
```

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

Here you see how a box with a 4 pixel rgb(231, 200, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 200, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 200, 219);  
box-shadow:4px 4px 4px 4px rgb(231, 200,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4120, 0.3230, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 200, 219) }
```

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

```
.background{ background-color: rgb(231,  
200, 219) }
```

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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