

Converting Colors

$Yxy(55.1338, 0.3235, 0.2881)$

Have a look what the booklet for
Yxy(55.1338, 0.3235, 0.2881)
contains.

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Color

Yxy(55.3934, 0.3237, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	E6B6DB
RGB	230, 182, 219
RGB Percent	90%, 71%, 86%
CMY	0.0980, 0.2863, 0.1410
CMYK	0.00, 0.21, 0.05, 0.10
HSL	314°, 49%, 81%
HSV	314°, 21%, 90%
XYZ	62.1520, 55.3934, 74.4595
YIQ	200.5700, 16.7310, 21.6830

Conversions

Conversions Part 2

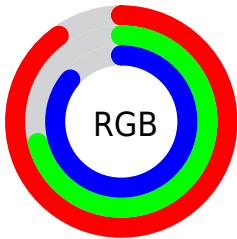
Format	Color
R _Y B	230, 182, 219
Decimal	15120091
CIE Lab	79.27, 23.35, -11.95
CIE LCh	79, 26.231, 332.898
Yxy	55.3934, 0.3237, 0.2885
Android (android.graphics.Color)	4293310171 (0xFFE6B6DB)
YUV	200.5700, 9.0860, 25.8101
Hunter-Lab	74.4267, 18.8142, -7.2174

Details

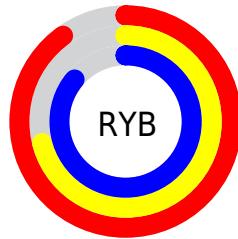
The Yxy color $55.3934, 0.3237, 0.2885$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $70.3900, 0.3033, 0.3732$, and the grayscale version is $58.0663, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $27.3795, 0.3262, 0.2791$ is the 20% darker color. If you saturate the color by 10%, you get $46.4636, 0.3302, 0.2685$, and if you desaturate by 10%, it is $65.8840, 0.3180, 0.3083$.

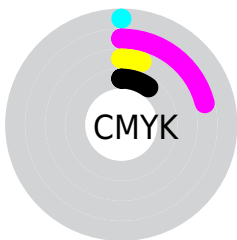
Distribution



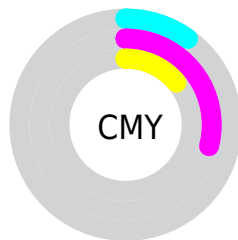
- Red (90%)
- Green (71%)
- Blue (86%)



- Red (90%)
- Yellow (71%)
- Blue (86%)



- Cyan (0%)
- Magenta (21%)
- Yellow (5%)
- Black (10%)




- Cyan (10%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3934, 0.3237, 0.2885 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 55.3934, 0.3237, 0.2885 by changing the saturation by 10% instead.


 55.3934, 0.3237,
0.2885

 55.3934, 0.3237,
0.2885


407.4014, 0.3187,
0.3075

 39.7168, 0.3248,
0.2841


 98.1171, 0.3220,
0.2951

 27.3178, 0.3262,
0.2786


125.9330, 0.3213,
0.2977

 17.8120, 0.3280,
0.2717


158.5641, 0.3207,
0.2999

 10.8151, 0.3302,
0.2624

196.3948, 0.3202,
0.3018

 5.9427, 0.3332,
0.2498

239.8094, 0.3197,
0.3035

 2.8102, 0.3374,
0.2312

289.1925, 0.3193,

 1.0335, 0.3435,

0.3050

0.2018

344.9284, 0.3190,
0.3063

0.0000, 0.3975,
0.0000

0.0000, 0.0000,
0.0000

55.3934, 0.3237,
0.2885

55.3934, 0.3237,
0.2885

46.4636, 0.3302,
0.2685

65.8840, 0.3180,
0.3083

39.0118, 0.3376,
0.2490

77.9984, 0.3131,
0.3274

32.9585, 0.3457,
0.2309

91.8052, 0.3089,
0.3455

28.2138, 0.3545,
0.2152

94.6383, 0.3058,
0.3440

■ 24.6775, 0.3636,
0.2028

■ 94.9553, 0.3029,
0.3387

■ 22.2347, 0.3729,
0.1948

■ 95.2814, 0.3000,
0.3334

■ 20.7480, 0.3819,
0.1915

■ 95.5638, 0.2976,
0.3290

■ 20.0165, 0.3898,
0.1921

Harmonies

Analogous

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



55.3934, 0.2892, 0.2746



55.3934, 0.3237, 0.2885



55.3934, 0.3568, 0.3118

Triad

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



55.3934, 0.3237, 0.2885



55.3934, 0.3637, 0.3864



55.3934, 0.2515, 0.3122

Complementary

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



55.3934, 0.3237, 0.2885



70.3900, 0.3033, 0.3732

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.



55.3934, 0.2694, 0.3454



55.3934, 0.3237, 0.2885



55.3934, 0.3337, 0.3903

Square

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



55.3934, 0.3237, 0.2885



55.3934, 0.3804, 0.3672



55.3934, 0.2992, 0.3752



55.3934, 0.2491, 0.2864

Rectangle

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



55.3934, 0.3237, 0.2885



55.3934, 0.3728, 0.3304



55.3934, 0.2992, 0.3752



55.3934, 0.2558, 0.3229

Sweetspot

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



55.3958, 0.3237, 0.2885



90.4006, 0.3155, 0.3176



50.4278, 0.2855, 0.2724



19.1357, 0.3159, 0.3164



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.



55.3958, 0.3237, 0.2885



64.9480, 0.3264, 0.2800



54.2467, 0.3429, 0.3138



14.5559, 0.3173, 0.3110



11.3512, 0.3885, 0.1914



0.8526, 0.3766, 0.1848

Inverse Universe

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



55.3958, 0.3237, 0.2885



64.9480, 0.3264, 0.2800



71.5200, 0.2894, 0.3448



14.5559, 0.3173, 0.3110



11.3512, 0.3885, 0.1914



0.8526, 0.3766, 0.1848

Previews

White Background



This preview shows how the Yxy color 55.3934, 0.3237, 0.2885 looks on a white background.

Color Contrast Check

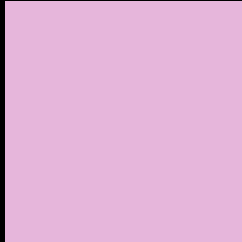
Large Text (above 18pt) WCAG AA × Fail

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 55.3934, 0.3237, 0.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

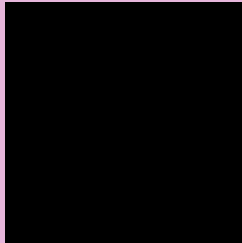
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3934, 0.3237, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 55.3934, 0.3237, 0.2885.



This preview shows how white text looks on a background with the Yxy color 55.3934, 0.3237, 0.2885.

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

55.3934, 0.3237, 0.2885

Protanopia

55.6526, 0.2872, 0.2913

Deuteranopia

55.3932, 0.3054, 0.2988



Tritanopia

55.1989, 0.3362, 0.3122

Trichromacy



Original Color

55.3934, 0.3237, 0.2885

Protanomaly

55.1879, 0.2996, 0.2899

Deuteranomaly

55.4755, 0.3119, 0.2950

Tritanomaly

55.2800, 0.3315, 0.3034

Monochromacy



Original Color

55.3934, 0.3237, 0.2885

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.1347, 0.3167, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3934, 0.3237, 0.2885 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(230, 182, 219)` looks like.

```
.text, #text, p{  
    color:rgb(230, 182, 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(230, 182, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 182, 219) }
```

Border

The CSS property to change the border of an element to Yxy 55.3934, 0.3237, 0.2885 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(230, 182, 219) }
```

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

```
.border{ border-color:rgb(230, 182, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 182, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 182, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 182, 219);  
box-shadow:4px 4px 4px 4px rgb(230, 182,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3934, 0.3237, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 182, 219) }
```

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

```
.background{ background-color: rgb(230,  
182, 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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