

Converting Colors

$Y_{xy}(57.2727, 0.3233, 0.2820)$

Have a look what the booklet for
Yxy(57.2727, 0.3233, 0.2820)
contains.

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Color

Yxy(57.4175, 0.3231, 0.2822)

Conversions

Conversions Part 1

Format	Color
Hex	EDB7E3
RGB	237, 183, 227
RGB Percent	93%, 72%, 89%
CMY	0.0704, 0.2824, 0.1097
CMYK	0.00, 0.23, 0.04, 0.07
HSL	311°, 60%, 82%
HSV	311°, 23%, 93%
XYZ	65.7392, 57.4175, 80.3072
YIQ	204.1620, 18.0600, 25.1320

Conversions

Conversions Part 2

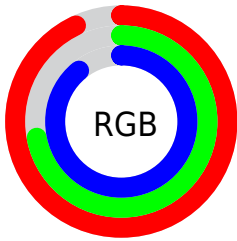
Format	Color
R_{YB}	237, 183, 227
Decimal	15579107
CIE _{Lab}	80.41, 26.60, -14.47
CIE _{LCh}	80, 30.284, 331.456
Yxy	57.4175, 0.3231, 0.2822
Android (android.graphics.Color)	4293769187 (0xFFEDB7E3)
YUV	204.1620, 11.2591, 28.7989
Hunter-Lab	75.7743, 22.2553, -9.7947

Details

The Yxy color $57.4175, 0.3231, 0.2822$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $74.5152, 0.3038, 0.3808$, and the grayscale version is $60.4141, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $28.7676, 0.3253, 0.2713$ is the 20% darker color. If you saturate the color by 10%, you get $48.2123, 0.3287, 0.2613$, and if you desaturate by 10%, it is $68.2807, 0.3181, 0.3031$.

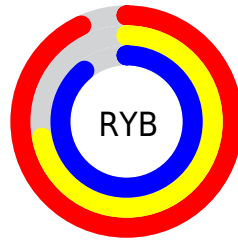
Distribution



Red (93%)

Green (72%)

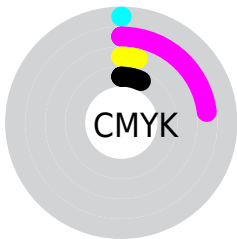
Blue (89%)



Red (93%)

Yellow (72%)

Blue (89%)

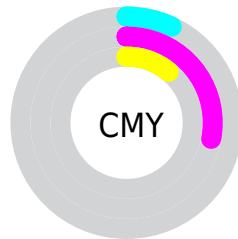


Cyan (0%)

Magenta (23%)

Yellow (4%)

Black (7%)



Cyan (7%)

Magenta (28%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4175, 0.3231, 0.2822 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 57.4175, 0.3231, 0.2822 by changing the saturation by 10% instead.


 57.4175, 0.3231,
0.2822

 57.4175, 0.3231,
0.2822


415.0119, 0.3185,
0.3039

 41.3405, 0.3241,
0.2772


 101.0741, 0.3215,
0.2897

 28.5853, 0.3253,
0.2711


129.4226, 0.3209,
0.2927

 18.7673, 0.3268,
0.2634


162.6303, 0.3204,
0.2952

 11.5023, 0.3287,
0.2533

201.0817, 0.3199,
0.2974

 6.4057, 0.3311,
0.2395

245.1611, 0.3195,
0.2993

 3.0933, 0.3342,
0.2198


295.2531, 0.3191,

 1.1806, 0.3382,


0.3010


0.1895


351.7419, 0.3188,
0.3025


 0.0458, 0.3842,
0.0254


 0.0000, 0.0000,
0.0000


 57.4175, 0.3231,
0.2822


 57.4175, 0.3231,
0.2822


 48.2123, 0.3287,
0.2613


 68.2807, 0.3181,
0.3031


 40.5751, 0.3350,
0.2411

 80.8709, 0.3138,
0.3234

 34.4187, 0.3417,
0.2226

 95.2628, 0.3101,
0.3428

 29.6444, 0.3489,
0.2068

 96.1027, 0.3076,
0.3393

■ 26.1415, 0.3562,
0.1947

■ 96.3740, 0.3051,
0.3349

■ 23.7825, 0.3634,
0.1870

■ 96.6516, 0.3026,
0.3305

■ 22.4126, 0.3704,
0.1839

■ 96.7538, 0.3018,
0.3290

■ 21.8677, 0.3752,
0.1840

Harmonies

Analogous

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



57.4175, 0.2841, 0.2672



57.4175, 0.3231, 0.2822



57.4175, 0.3614, 0.3079

Triad

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



57.4175, 0.3231, 0.2822



57.4175, 0.3720, 0.3936



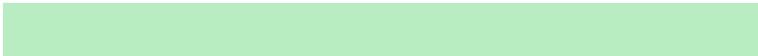
57.4175, 0.2439, 0.3112

Complementary

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



57.4175, 0.3231, 0.2822



74.5152, 0.3038, 0.3808

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.



57.4175, 0.2647, 0.3495



57.4175, 0.3231, 0.2822



57.4175, 0.3382, 0.3997

Square

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



57.4175, 0.3231, 0.2822



57.4175, 0.3903, 0.3706



57.4175, 0.2989, 0.3835



57.4175, 0.2404, 0.2813

Rectangle

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



57.4175, 0.3231, 0.2822



57.4175, 0.3804, 0.3287



57.4175, 0.2989, 0.3835



57.4175, 0.2491, 0.3235

Sweetspot

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



57.4200, 0.3231, 0.2822



88.9238, 0.3156, 0.3150



51.3000, 0.2812, 0.2662



18.8394, 0.3158, 0.3137



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.



57.4200, 0.3231, 0.2822



62.8656, 0.3254, 0.2732



56.0477, 0.3450, 0.3103



15.2630, 0.3166, 0.3100



11.9511, 0.3741, 0.1835



0.9509, 0.3654, 0.1787

Inverse Universe

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



57.4200, 0.3231, 0.2822



62.8656, 0.3254, 0.2732



75.8281, 0.2884, 0.3486



15.2630, 0.3166, 0.3100



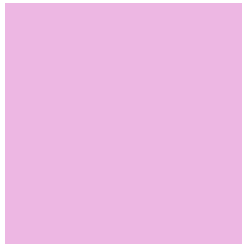
11.9511, 0.3741, 0.1835



0.9509, 0.3654, 0.1787

Previews

White Background



This preview shows how the Yxy color 57.4175, 0.3231, 0.2822 looks on a white background.

Color Contrast Check

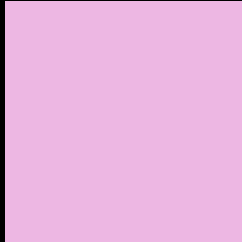
Large Text (above 18pt) WCAG AA × Fail

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 57.4175, 0.3231, 0.2822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

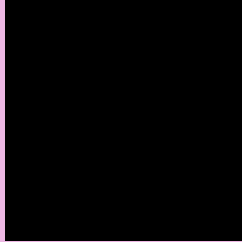
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4175, 0.3231, 0.2822

Background



This preview shows how black text looks on a background with the Yxy color 57.4175, 0.3231, 0.2822.



This preview shows how white text looks on a background with the Yxy color 57.4175, 0.3231, 0.2822.

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

57.4175, 0.3231, 0.2822

Protanopia

57.7091, 0.2816, 0.2840

Deuteranopia

57.7319, 0.3004, 0.2948



Tritanopia

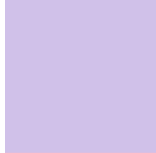
57.2973, 0.3402, 0.3126

Trichromacy



Original Color

57.4175, 0.3231, 0.2822



Protanomaly

57.4330, 0.2956, 0.2840



Deuteranomaly

57.6580, 0.3082, 0.2901



Tritanomaly

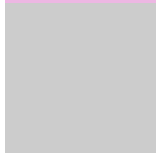
57.4831, 0.3339, 0.3019

Monochromacy



Original Color

57.4175, 0.3231, 0.2822



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.8323, 0.3167, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4175, 0.3231, 0.2822 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(237, 183, 227)` looks like.

```
.text, #text, p{  
    color:rgb(237, 183, 227)  
}
```

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(237, 183, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 183, 227) }
```

Border

The CSS property to change the border of an element to Yxy 57.4175, 0.3231, 0.2822 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(237, 183, 227) }
```

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

```
.border{ border-color:rgb(237, 183, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 183, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 183, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 183, 227);  
box-shadow:4px 4px 4px 4px rgb(237, 183,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4175, 0.3231, 0.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 183, 227) }
```

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

```
.background{ background-color: rgb(237,  
183, 227) }
```

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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