

Converting Colors

$Y_{xy}(60.7563, 0.3168, 0.2817)$

Have a look what the booklet for
Yxy(60.7563, 0.3168, 0.2817)
contains.

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Color

Yxy(60.8296, 0.3165, 0.2817)

Conversions

Conversions Part 1

Format	Color
Hex	EDBEEB
RGB	237, 190, 235
RGB Percent	93%, 75%, 92%
CMY	0.0705, 0.2549, 0.0783
CMYK	0.00, 0.20, 0.01, 0.07
HSL	303°, 57%, 84%
HSV	303°, 20%, 93%
XYZ	68.3442, 60.8296, 86.7637
YIQ	209.1830, 13.5670, 23.9590

Conversions

Conversions Part 2

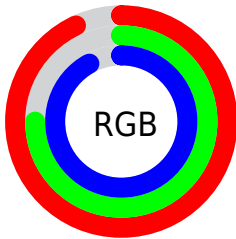
Format	Color
R _Y B	237, 190, 235
Decimal	15580907
CIE Lab	82.29, 24.29, -15.96
CIE LCh	82, 29.067, 326.698
Yxy	60.8296, 0.3165, 0.2817
Android (android.graphics.Color)	4293770987 (0xFFEDBEEB)
YUV	209.1830, 12.7278, 24.3955
Hunter-Lab	77.9933, 19.9282, -11.3618

Details

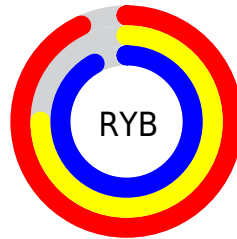
The Yxy color $60.8296, 0.3165, 0.2817$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $75.3345, 0.3090, 0.3813$, and the grayscale version is $63.7985, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $30.6867, 0.3176, 0.2707$ is the 20% darker color. If you saturate the color by 10%, you get $51.3289, 0.3186, 0.2576$, and if you desaturate by 10%, it is $72.0055, 0.3145, 0.3058$.

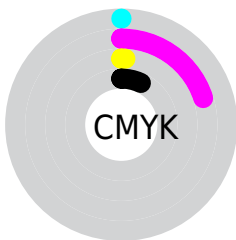
Distribution



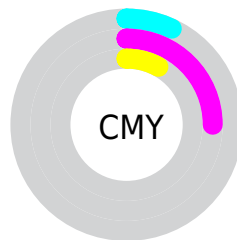
- Red (93%)
- Green (75%)
- Blue (92%)



- Red (93%)
- Yellow (75%)
- Blue (92%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (7%)





- Cyan (7%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8296, 0.3165, 0.2817 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 60.8296, 0.3165, 0.2817 by changing the saturation by 10% instead.


 60.8296, 0.3165,
0.2817

 60.8296, 0.3165,
0.2817

427.6489, 0.3151,
0.3034

 44.0877, 0.3168,
0.2768


 106.0322, 0.3161,
0.2892

 30.7394, 0.3170,
0.2708


135.2616, 0.3159,
0.2921

 20.4005, 0.3173,
0.2632


169.4223, 0.3157,
0.2946

 12.6865, 0.3176,
0.2533

208.8987, 0.3156,
0.2968

 7.2130, 0.3177,
0.2400

254.0752, 0.3154,
0.2988

 3.5957, 0.3175,
0.2212

305.3361, 0.3153,

 1.4501, 0.3162,

0.3005

0.1929

363.0659, 0.3152,
0.3020

0.2532, 0.3276,
0.0995

0.0000, 0.0000,
0.0000

60.8296, 0.3165,
0.2817

60.8296, 0.3165,
0.2817

51.3289, 0.3186,
0.2576

72.0055, 0.3145,
0.3058

43.4148, 0.3208,
0.2344

84.9239, 0.3127,
0.3294

37.0027, 0.3230,
0.2131

95.7047, 0.3113,
0.3459

31.9971, 0.3252,
0.1946

95.7638, 0.3107,
0.3449

28.2911, 0.3272,
0.1797

95.8233, 0.3102,
0.3439

25.7630, 0.3290,
0.1691

95.8830, 0.3096,
0.3428

24.2679, 0.3306,
0.1628

95.9431, 0.3090,
0.3418

23.5641, 0.3319,
0.1603

96.0035, 0.3084,
0.3408

23.5552, 0.3320,
0.1602

96.0643, 0.3079,
0.3398

Harmonies

Analogous

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



60.8296, 0.2805, 0.2695



60.8296, 0.3165, 0.2817



60.8296, 0.3534, 0.3048

Triad

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



60.8296, 0.3165, 0.2817



60.8296, 0.3726, 0.3874



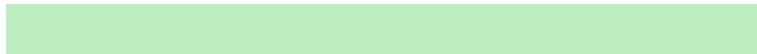
60.8296, 0.2498, 0.3178

Complementary

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



60.8296, 0.3165, 0.2817



75.3345, 0.3090, 0.3813

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.



60.8296, 0.2719, 0.3540



60.8296, 0.3165, 0.2817



60.8296, 0.3425, 0.3958

Square

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



60.8296, 0.3165, 0.2817



60.8296, 0.3867, 0.3641



60.8296, 0.3056, 0.3838



60.8296, 0.2438, 0.2878

Rectangle

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



60.8296, 0.3165, 0.2817



60.8296, 0.3728, 0.3240



60.8296, 0.3056, 0.3838



60.8296, 0.2556, 0.3297

Sweetspot

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



60.8323, 0.3165, 0.2817



90.5821, 0.3138, 0.3149



54.0878, 0.2807, 0.2744



19.1787, 0.3139, 0.3134



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.



60.8323, 0.3165, 0.2817



66.8090, 0.3174, 0.2714



59.5824, 0.3343, 0.3054



15.3021, 0.3144, 0.3068



12.8622, 0.3318, 0.1601



1.0134, 0.3301, 0.1592

Inverse Universe

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



60.8323, 0.3165, 0.2817



66.8090, 0.3174, 0.2714



76.4398, 0.2954, 0.3539



15.3021, 0.3144, 0.3068



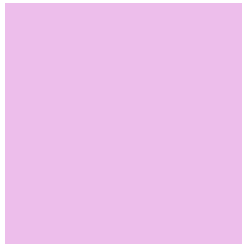
12.8622, 0.3318, 0.1601



1.0134, 0.3301, 0.1592

Previews

White Background



This preview shows how the Yxy color 60.8296, 0.3165, 0.2817 looks on a white background.

Color Contrast Check

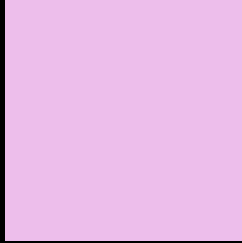
Large Text (above 18pt) WCAG AA × Fail

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 60.8296, 0.3165, 0.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

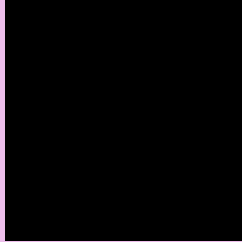
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8296, 0.3165, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 60.8296, 0.3165, 0.2817.



This preview shows how white text looks on a background with the Yxy color 60.8296, 0.3165, 0.2817.

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

60.8296, 0.3165, 0.2817

Protanopia

61.1138, 0.2811, 0.2829

Deuteranopia

61.1888, 0.2987, 0.2923



Tritanopia

60.5604, 0.3320, 0.3116

Trichromacy



Original Color

60.8296, 0.3165, 0.2817

Protanomaly

60.7361, 0.2933, 0.2817

Deuteranomaly

60.7925, 0.3047, 0.2876

Tritanomaly

60.7468, 0.3260, 0.3010

Monochromacy



Original Color

60.8296, 0.3165, 0.2817

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.3631, 0.3143, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8296, 0.3165, 0.2817 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, 190, 235)` looks like.

```
.text, #text, p{  
    color:rgb(237, 190, 235)  
}
```

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, 190, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 190, 235) }
```

Border

The CSS property to change the border of an element to Yxy 60.8296, 0.3165, 0.2817 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, 190, 235) }
```

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

```
.border{ border-color:rgb(237, 190, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 190, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 190, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 190, 235);  
box-shadow:4px 4px 4px 4px rgb(237, 190,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8296, 0.3165, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 190, 235) }
```

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

```
.background{ background-color: rgb(237,  
190, 235) }
```

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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