

Converting Colors

$Y_{xy}(56.0694, 0.3295, 0.2885)$

Have a look what the booklet for
Yxy(56.0694, 0.3295, 0.2885)
contains.

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Color

Yxy(56.1667, 0.3296, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	EDB5DB
RGB	237, 181, 219
RGB Percent	93%, 71%, 86%
CMY	0.0706, 0.2902, 0.1411
CMYK	0.00, 0.24, 0.08, 0.07
HSL	319°, 61%, 82%
HSV	319°, 24%, 93%
XYZ	64.2351, 56.1667, 74.4862
YIQ	202.0760, 21.1780, 23.6900

Conversions

Conversions Part 2

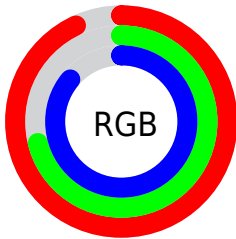
Format	Color
R _Y B	237, 181, 219
Decimal	15578587
CIE Lab	79.71, 26.24, -11.21
CIE LCh	80, 28.538, 336.869
Yxy	56.1667, 0.3296, 0.2882
Android (android.graphics.Color)	4293768667 (0xFFEDB5DB)
YUV	202.0760, 8.3435, 30.6283
Hunter-Lab	74.9444, 21.8400, -6.4663

Details

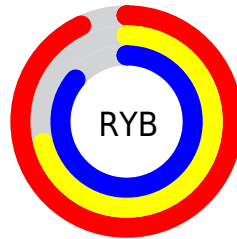
The Yxy color **56.1667, 0.3296, 0.2882** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.5116, 0.2991, 0.3736**, and the grayscale version is **59.0513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **27.9424, 0.3342, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **46.9451, 0.3389, 0.2704**, and if you desaturate by 10%, it is **67.0509, 0.3216, 0.3059**.

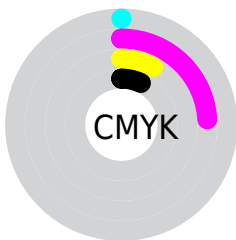
Distribution



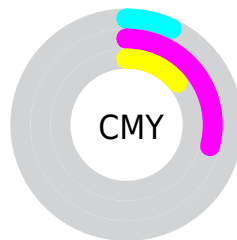
- Red (93%)
- Green (71%)
- Blue (86%)



- Red (93%)
- Yellow (71%)
- Blue (86%)



- Cyan (0%)
- Magenta (24%)
- Yellow (8%)
- Black (7%)




- Cyan (7%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1667, 0.3296, 0.2882 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 56.1667, 0.3296, 0.2882 by changing the saturation by 10% instead.


 56.1667, 0.3296,
0.2882

 56.1667, 0.3296,
0.2882


410.3194, 0.3217,
0.3073

 40.3366, 0.3314,
0.2838

 99.2483, 0.3269,
0.2949

 27.8011, 0.3336,
0.2783


127.2685, 0.3258,
0.2974

 18.1758, 0.3365,
0.2714


160.1209, 0.3249,
0.2997

 11.0762, 0.3402,
0.2622


198.1899, 0.3241,
0.3016

 6.1181, 0.3453,
0.2496

241.8599, 0.3234,
0.3033

 2.9171, 0.3526,
0.2313

291.5152, 0.3228,

 1.0886, 0.3640,

0.3048

0.2024

347.5402, 0.3222,
0.3061

0.0000, 0.4490,
0.0000

0.0000, 0.0000,
0.0000

56.1667, 0.3296,
0.2882

56.1667, 0.3296,
0.2882

46.9451, 0.3389,
0.2704

67.0509, 0.3216,
0.3059

39.2955, 0.3495,
0.2530

79.6674, 0.3149,
0.3230

33.1299, 0.3614,
0.2372

94.0912, 0.3092,
0.3392

28.3485, 0.3744,
0.2239

96.3912, 0.3048,
0.3344

■ 24.8396, 0.3881,
0.2142

■ 96.7434, 0.3017,
0.3290

■ 22.4734, 0.4021,
0.2091

■ 21.0926, 0.4159,
0.2091

■ 20.5734, 0.4246,
0.2112

Harmonies

Analogous

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



56.1667, 0.2918, 0.2717



56.1667, 0.3296, 0.2882



56.1667, 0.3645, 0.3142

Triad

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



56.1667, 0.3296, 0.2882



56.1667, 0.3642, 0.3928



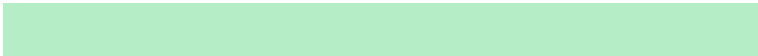
56.1667, 0.2454, 0.3062

Complementary

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



56.1667, 0.3296, 0.2882



74.5116, 0.2991, 0.3736

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.



56.1667, 0.2624, 0.3418



56.1667, 0.3296, 0.2882



56.1667, 0.3304, 0.3947

Square

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



56.1667, 0.3296, 0.2882



56.1667, 0.3847, 0.3735



56.1667, 0.2931, 0.3757



56.1667, 0.2451, 0.2801

Rectangle

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



56.1667, 0.3296, 0.2882



56.1667, 0.3804, 0.3344



56.1667, 0.2931, 0.3757



56.1667, 0.2493, 0.3175

Sweetspot

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



56.1692, 0.3296, 0.2882



88.7717, 0.3171, 0.3173



51.2703, 0.2855, 0.2647



18.8041, 0.3175, 0.3163



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.



56.1692, 0.3296, 0.2882



61.2057, 0.3336, 0.2802



54.8272, 0.3529, 0.3178



15.2267, 0.3187, 0.3131



11.2580, 0.4224, 0.2101



0.9015, 0.4048, 0.2004

Inverse Universe

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



56.1692, 0.3296, 0.2882



61.2057, 0.3336, 0.2802



75.9201, 0.2834, 0.3406



15.2267, 0.3187, 0.3131



11.2580, 0.4224, 0.2101



0.9015, 0.4048, 0.2004

Previews

White Background



This preview shows how the Yxy color 56.1667, 0.3296, 0.2882 looks on a white background.

Color Contrast Check

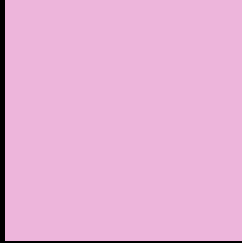
Large Text (above 18pt) WCAG AA × Fail

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 56.1667, 0.3296, 0.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

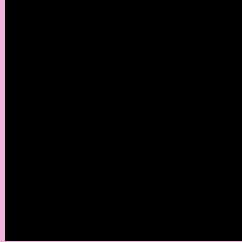
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1667, 0.3296, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 56.1667, 0.3296, 0.2882.



This preview shows how white text looks on a background with the Yxy color 56.1667, 0.3296, 0.2882.

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

56.1667, 0.3296, 0.2882

Protanopia

56.3435, 0.2867, 0.2904

Deuteranopia

56.1189, 0.3069, 0.3002



Tritanopia

56.3139, 0.3430, 0.3136

Trichromacy



Original Color

56.1667, 0.3296, 0.2882



Protanomaly

56.1077, 0.3012, 0.2902



Deuteranomaly

56.0885, 0.3151, 0.2953



Tritanomaly

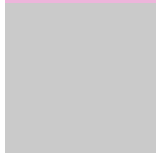
56.3994, 0.3382, 0.3050

Monochromacy



Original Color

56.1667, 0.3296, 0.2882



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.5847, 0.3191, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1667, 0.3296, 0.2882 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, 181, 219)` looks like.

```
.text, #text, p{  
    color:rgb(237, 181, 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(237, 181, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 181, 219) }
```

Border

The CSS property to change the border of an element to Yxy 56.1667, 0.3296, 0.2882 is called "border". The border property can be set on classes, ids or directly on the HTML element.

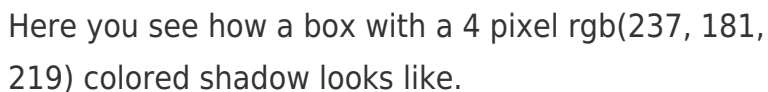
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 181, 219) }
```

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

```
.border{ border-color:rgb(237, 181, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 181, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 181, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 181, 219); box-shadow:4px 4px 4px 4px rgb(237, 181, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1667, 0.3296, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 181, 219) }
```

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

```
.background{ background-color: rgb(237,  
181, 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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