

Converting Colors

$Yxy(56.0709, 0.3170, 0.2837)$

Have a look what the booklet for
Yxy(56.0709, 0.3170, 0.2837)
contains.

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Color

Yxy(56.2112, 0.3173, 0.2843)

Conversions

Conversions Part 1

Format	Color
Hex	E4B8E1
RGB	228, 184, 225
RGB Percent	89%, 72%, 88%
CMY	0.1057, 0.2785, 0.1177
CMYK	0.00, 0.19, 0.01, 0.11
HSL	304°, 45%, 81%
HSV	304°, 19%, 89%
XYZ	62.7359, 56.2112, 78.7708
YIQ	201.8300, 13.0630, 22.0790

Conversions

Conversions Part 2

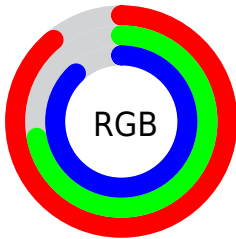
Format	Color
R _Y B	228, 184, 225
Decimal	14989537
CIE Lab	79.73, 22.69, -14.48
CIE LCh	80, 26.922, 327.455
Yxy	56.2112, 0.3173, 0.2843
Android (android.graphics.Color)	4293179617 (0xFFE4B8E1)
YUV	201.8300, 11.4228, 22.9511
Hunter-Lab	74.9741, 18.1582, -9.8106

Details

The Yxy color $56.2112, 0.3173, 0.2843$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $69.2917, 0.3083, 0.3782$, and the grayscale version is $58.8760, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $27.9055, 0.3175, 0.2736$ is the 20% darker color. If you saturate the color by 10%, you get $47.4055, 0.3200, 0.2608$, and if you desaturate by 10%, it is $66.5497, 0.3148, 0.3077$.

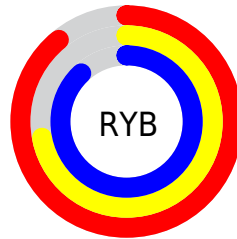
Distribution



Red (89%)

Green (72%)

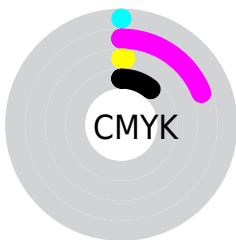
Blue (88%)



Red (89%)

Yellow (72%)

Blue (88%)

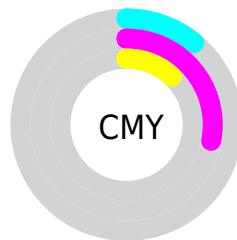


Cyan (0%)

Magenta (19%)

Yellow (1%)

Black (11%)



Cyan (11%)


Magenta (28%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2112, 0.3173, 0.2843 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 56.2112, 0.3173, 0.2843 by changing the saturation by 10% instead.


 56.2112, 0.3173,
0.2843

 56.2112, 0.3173,
0.2843


410.4869, 0.3154,
0.3052

 40.3723, 0.3177,
0.2795


 99.3133, 0.3167,
0.2916

 27.8289, 0.3181,
0.2736


127.3453, 0.3164,
0.2944

 18.1967, 0.3186,
0.2660


160.2104, 0.3162,
0.2968

 11.0913, 0.3191,
0.2561

198.2931, 0.3160,
0.2989

 6.1283, 0.3196,
0.2425

241.9776, 0.3159,
0.3008

 2.9233, 0.3199,
0.2229

291.6486, 0.3157,

 1.0918, 0.3193,

0.3024

347.6902, 0.3155,
0.3039

0.1922

0.0000, 0.3491,
0.0000

0.0000, 0.0000,
0.0000

56.2112, 0.3173,
0.2843

56.2112, 0.3173,
0.2843

47.4055, 0.3200,
0.2608

66.5497, 0.3148,
0.3077

40.0523, 0.3229,
0.2381

78.4818, 0.3126,
0.3305

34.0749, 0.3259,
0.2170

92.0741, 0.3106,
0.3522

29.3869, 0.3289,
0.1987

93.8093, 0.3096,
0.3531

■ 25.8917, 0.3318,
0.1838

■ 93.8993, 0.3087,
0.3515

■ 23.4797, 0.3345,
0.1731

■ 93.9900, 0.3078,
0.3498

■ 22.0207, 0.3370,
0.1669

■ 94.0816, 0.3069,
0.3482

■ 21.3060, 0.3392,
0.1644

■ 94.1740, 0.3060,
0.3466

■ 21.2669, 0.3394,
0.1643

■ 94.2672, 0.3051,
0.3449

Harmonies

Analogous

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



56.2112, 0.2829, 0.2723



56.2112, 0.3173, 0.2843



56.2112, 0.3522, 0.3066

Triad

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



56.2112, 0.3173, 0.2843



56.2112, 0.3691, 0.3850



56.2112, 0.2525, 0.3176

Complementary

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



56.2112, 0.3173, 0.2843



69.2917, 0.3083, 0.3782

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.



56.2112, 0.2732, 0.3519



56.2112, 0.3173, 0.2843



56.2112, 0.3403, 0.3924

Square

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



56.2112, 0.3173, 0.2843



56.2112, 0.3829, 0.3633



56.2112, 0.3051, 0.3804



56.2112, 0.2470, 0.2893

Rectangle

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



56.2112, 0.3173, 0.2843



56.2112, 0.3704, 0.3251



56.2112, 0.3051, 0.3804



56.2112, 0.2578, 0.3289

Sweetspot

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



56.2137, 0.3173, 0.2843



90.5555, 0.3141, 0.3153



50.4356, 0.2829, 0.2763



19.1724, 0.3142, 0.3138



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.



56.2137, 0.3173, 0.2843



67.8587, 0.3183, 0.2753



55.0935, 0.3347, 0.3077



14.5971, 0.3148, 0.3074



12.2818, 0.3391, 0.1642



0.9128, 0.3361, 0.1625

Inverse Universe

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



56.2137, 0.3173, 0.2843



67.8587, 0.3183, 0.2753



70.3032, 0.2950, 0.3514



14.5971, 0.3148, 0.3074



12.2818, 0.3391, 0.1642



0.9128, 0.3361, 0.1625

Previews

White Background



This preview shows how the Yxy color 56.2112, 0.3173, 0.2843 looks on a white background.

Color Contrast Check

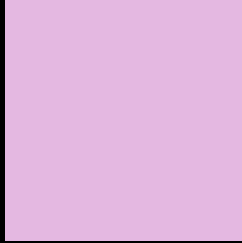
Large Text (above 18pt) WCAG AA × Fail

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 56.2112, 0.3173, 0.2843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

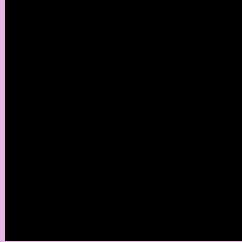
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2112, 0.3173, 0.2843

Background



This preview shows how black text looks on a background with the Yxy color 56.2112, 0.3173, 0.2843.



This preview shows how white text looks on a background with the Yxy color 56.2112, 0.3173, 0.2843.

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

56.2112, 0.3173, 0.2843

Protanopia

56.4394, 0.2833, 0.2859

Deuteranopia

56.4468, 0.3003, 0.2945



Tritanopia

56.2858, 0.3317, 0.3122

Trichromacy



Original Color

56.2112, 0.3173, 0.2843

Protanomaly

56.2498, 0.2947, 0.2856

Deuteranomaly

56.3549, 0.3058, 0.2906

Tritanomaly

56.4125, 0.3263, 0.3023

Monochromacy



Original Color

56.2112, 0.3173, 0.2843

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.5322, 0.3143, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2112, 0.3173, 0.2843 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(228, 184, 225)` looks like.

```
.text, #text, p{  
    color:rgb(228, 184, 225)  
}
```

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(228, 184, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 184, 225) }
```

Border

The CSS property to change the border of an element to Yxy 56.2112, 0.3173, 0.2843 is called "border". The border property can be set on classes, ids or directly on the HTML element.

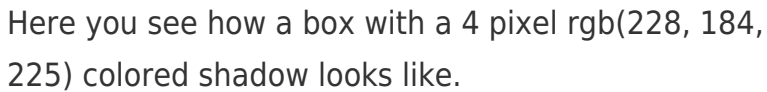
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 184, 225) }
```

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

```
.border{ border-color:rgb(228, 184, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 184, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 184, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 184, 225); box-shadow:4px 4px 4px 4px rgb(228, 184, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2112, 0.3173, 0.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 184, 225) }
```

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

```
.background{ background-color: rgb(228,  
184, 225) }
```

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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