

Converting Colors

Yxy(50.6317, 0.3236, 0.2800)

Have a look what the booklet for
Yxy(50.6317, 0.3236, 0.2800)
contains.

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Color

Yxy(50.6317, 0.3236, 0.2800)

Conversions

Conversions Part 1

Format	Color
Hex	E2ACD8
RGB	226, 172, 216
RGB Percent	89%, 67%, 85%
CMY	0.1137, 0.3255, 0.1528
CMYK	0.00, 0.24, 0.04, 0.11
HSL	311°, 48%, 78%
HSV	311°, 24%, 89%
XYZ	58.5158, 50.6317, 71.6800
YIQ	193.1620, 18.0600, 25.1320

Conversions

Conversions Part 2

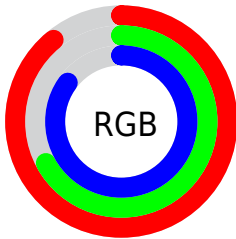
Format	Color
RYB	226, 172, 216
Decimal	14855384
CIELab	76.46, 26.84, -14.58
CIELCh	76, 30.541, 331.489
Yxy	50.6317, 0.3236, 0.2800
Android (android.graphics.Color)	4293045464 (0xFFE2ACD8)
YUV	193.1620, 11.2591, 28.7989
Hunter-Lab	71.1560, 22.2683, -9.9175

Details

The Yxy color $50.6317, 0.3236, 0.2800$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $66.5414, 0.3035, 0.3835$, and the grayscale version is $53.3554, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.9668, 0.3139, 0.3029$, and $24.3129, 0.3262, 0.2678$ is the 20% darker color. If you saturate the color by 10%, you get $42.5375, 0.3292, 0.2591$, and if you desaturate by 10%, it is $60.1987, 0.3186, 0.3009$.

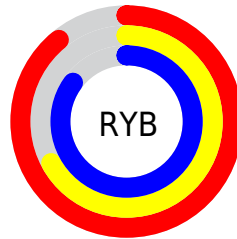
Distribution



Red (89%)

Green (67%)

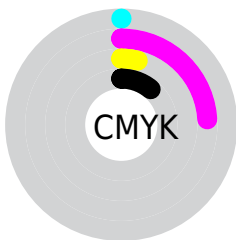
Blue (85%)



Red (89%)

Yellow (67%)

Blue (85%)

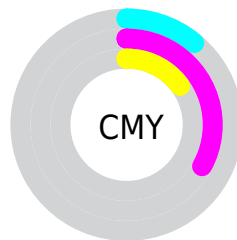


Cyan (0%)

Magenta (24%)

Yellow (4%)

Black (11%)



Cyan (11%)


Magenta (33%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6317, 0.3236, 0.2800 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 50.6317, 0.3236, 0.2800 by changing the saturation by 10% instead.


 50.6317, 0.3236,
0.2800

 50.6317, 0.3236,
0.2800

389.1312, 0.3187,
0.3032

 35.9156, 0.3247,
0.2746


 91.1101, 0.3219,
0.2881

 24.3690, 0.3260,
0.2679


117.6412, 0.3213,
0.2913

 15.6076, 0.3277,
0.2592


148.8795, 0.3207,
0.2940

 9.2469, 0.3297,
0.2478

185.2092, 0.3202,
0.2963

 4.9026, 0.3324,
0.2320

227.0148, 0.3197,
0.2983

 2.1902, 0.3359,
0.2088

274.6808, 0.3193,

 0.7146, 0.3411,

0.3001

0.1697

328.5914, 0.3190,
0.3017

0.0000, 0.3228,
0.0000

0.0000, 0.0000,
0.0000

50.6317, 0.3236,
0.2800

50.6317, 0.3236,
0.2800

42.5375, 0.3292,
0.2591

60.1987, 0.3186,
0.3009

35.8353, 0.3355,
0.2391

71.3006, 0.3142,
0.3213

30.4469, 0.3423,
0.2209

84.0040, 0.3105,
0.3407

26.2836, 0.3494,
0.2054

93.5566, 0.3075,
0.3517

■ 23.2456, 0.3566,
0.1937

■ 93.7974, 0.3052,
0.3474

■ 21.2176, 0.3638,
0.1864

■ 94.0439, 0.3029,
0.3431

■ 20.0593, 0.3706,
0.1837

■ 94.2961, 0.3005,
0.3388

■ 19.6427, 0.3747,
0.1838

■ 94.5541, 0.2983,
0.3346

■ 94.8178, 0.2960,
0.3304

Harmonies

Analogous

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



50.6317, 0.2826, 0.2643



50.6317, 0.3236, 0.2800



50.6317, 0.3640, 0.3069

Triad

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



50.6317, 0.3236, 0.2800



50.6317, 0.3749, 0.3968



50.6317, 0.2406, 0.3100

Complementary

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



50.6317, 0.3236, 0.2800



66.5414, 0.3035, 0.3835

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.



50.6317, 0.2622, 0.3504



50.6317, 0.3236, 0.2800



50.6317, 0.3393, 0.4035

Square

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



50.6317, 0.3236, 0.2800



50.6317, 0.3943, 0.3725



50.6317, 0.2980, 0.3864



50.6317, 0.2370, 0.2788

Rectangle

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



50.6317, 0.3236, 0.2800



50.6317, 0.3839, 0.3285



50.6317, 0.2980, 0.3864



50.6317, 0.2459, 0.3230

Sweetspot

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



50.6339, 0.3236, 0.2800



88.9249, 0.3156, 0.3150



44.9288, 0.2796, 0.2631



18.8396, 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.



50.6339, 0.3236, 0.2800



60.7002, 0.3265, 0.2689



49.3526, 0.3468, 0.3095



13.8900, 0.3166, 0.3101



11.2221, 0.3737, 0.1832



0.7893, 0.3641, 0.1779

Inverse Universe

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



50.6339, 0.3236, 0.2800



60.7002, 0.3265, 0.2689



67.7641, 0.2873, 0.3495



13.8900, 0.3166, 0.3101



11.2221, 0.3737, 0.1832



0.7893, 0.3641, 0.1779

Previews

White Background



This preview shows how the Yxy color 50.6317, 0.3236, 0.2800 looks on a white background.

Color Contrast Check

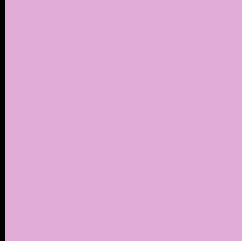
Large Text (above 18pt) WCAG AA × Fail

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 50.6317, 0.3236, 0.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

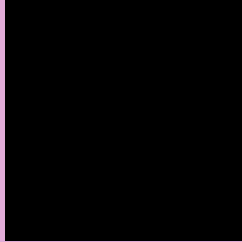
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6317, 0.3236, 0.2800

Background



This preview shows how black text looks on a background with the Yxy color 50.6317, 0.3236, 0.2800.



This preview shows how white text looks on a background with the Yxy color 50.6317, 0.3236, 0.2800.

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

50.6317, 0.3236, 0.2800

Protanopia

50.8554, 0.2801, 0.2817

Deuteranopia

50.8718, 0.2998, 0.2930



Tritanopia

50.8500, 0.3425, 0.3141

Trichromacy



Original Color

50.6317, 0.3236, 0.2800



Protanomaly

50.6001, 0.2947, 0.2817



Deuteranomaly

50.8142, 0.3080, 0.2881



Tritanomaly

50.6308, 0.3359, 0.3017

Monochromacy



Original Color

50.6317, 0.3236, 0.2800



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.8941, 0.3169, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6317, 0.3236, 0.2800 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(226, 172, 216)` looks like.

```
.text, #text, p{  
    color:rgb(226, 172, 216)  
}
```

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(226, 172, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 172, 216) }
```

Border

The CSS property to change the border of an element to Yxy 50.6317, 0.3236, 0.2800 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(226, 172, 216) }
```

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

```
.border{ border-color:rgb(226, 172, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 172, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 172, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 172, 216);  
box-shadow:4px 4px 4px 4px rgb(226, 172,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6317, 0.3236, 0.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 172, 216) }
```

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

```
.background{ background-color: rgb(226,  
172, 216) }
```

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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