

Converting Colors

Yxy(36.0172, 0.3352, 0.2632)

Have a look what the booklet for
Yxy(36.0172, 0.3352, 0.2632)
contains.

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Color

Yxy(36.0243, 0.3351, 0.2632)

Conversions

Conversions Part 1

Format	Color
Hex	D48AC1
RGB	212, 138, 193
RGB Percent	83%, 54%, 76%
CMY	0.1686, 0.4588, 0.2432
CMYK	0.00, 0.35, 0.09, 0.17
HSL	315°, 46%, 69%
HSV	315°, 35%, 83%
XYZ	45.8653, 36.0243, 54.9809
YIQ	166.3960, 26.4490, 32.7930

Conversions

Conversions Part 2

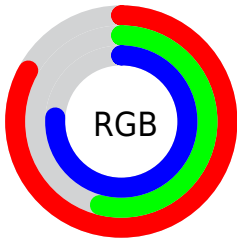
Format	Color
RYB	212, 138, 193
Decimal	13929153
CIELab	66.54, 36.41, -16.95
CIELCh	67, 40.165, 335.031
Yxy	36.0243, 0.3351, 0.2632
Android (android.graphics.Color)	4292119233 (0xFFD48AC1)
YUV	166.3960, 13.1158, 39.9947
Hunter-Lab	60.0202, 31.3678, -12.2977

Details

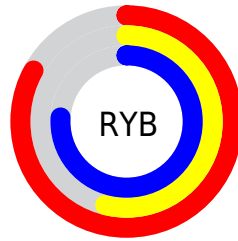
The Yxy color **36.0243, 0.3351, 0.2632** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.9283, 0.2962, 0.4056**, and the grayscale version is **38.2614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8614, 0.3192, 0.2718**, and **15.5876, 0.3413, 0.2452** is the 20% darker color. If you saturate the color by 10%, you get **30.2859, 0.3437, 0.2448**, and if you desaturate by 10%, it is **42.9622, 0.3275, 0.2824**.

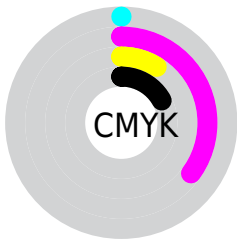
Distribution



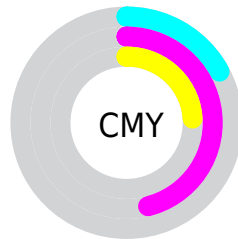
- Red (83%)
- Green (54%)
- Blue (76%)



- Red (83%)
- Yellow (54%)
- Blue (76%)



- Cyan (0%)
- Magenta (35%)
- Yellow (9%)
- Black (17%)




- Cyan (17%)
- Magenta (46%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0243, 0.3351, 0.2632 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 36.0243, 0.3351, 0.2632 by changing the saturation by 10% instead.

 36.0243, 0.3351,
0.2632


 36.0243, 0.3351,
0.2632


329.0667, 0.3243,
0.2956


 24.4530, 0.3377,
0.2553


 69.0696, 0.3313,
0.2748

 15.6700, 0.3409,
0.2453

 91.3123, 0.3298,
0.2793

 9.2909, 0.3450,
0.2321


 117.8809, 0.3285,
0.2830

 4.9314, 0.3506,
0.2142

149.1599, 0.3275,
0.2862

 2.2071, 0.3581,
0.1885

185.5336, 0.3265,
0.2890

 0.7239, 0.3696,
0.1477

227.3863, 0.3257,

 0.0000, 0.4058,


0.2915


0.0000


275.1026, 0.3249,
0.2937

 0.0000, 0.0000,
0.0000


 36.0243, 0.3351,
0.2632


 36.0243, 0.3351,
0.2632

 30.2859, 0.3437,
0.2448


 42.9622, 0.3275,
0.2824


 25.6727, 0.3531,
0.2280

 51.1586, 0.3209,
0.3015


 22.1096, 0.3632,
0.2140

 60.6744, 0.3152,
0.3202


 19.5103, 0.3737,
0.2036


 71.5651, 0.3103,
0.3379

 17.7749, 0.3842,
0.1978

 83.8832, 0.3063,
0.3546


 16.7812, 0.3945,
0.1968

 90.9911, 0.3030,
0.3599

 16.4501, 0.3996,
0.1975

 91.2944, 0.3000,
0.3540

 91.6073, 0.2970,
0.3482

 91.9299, 0.2940,
0.3424

Harmonies

Analogous

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



36.0243, 0.2746, 0.2393



36.0243, 0.3351, 0.2632



36.0243, 0.3943, 0.3013

Triad

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



36.0243, 0.3351, 0.2632



36.0243, 0.3964, 0.4297



36.0243, 0.2078, 0.2925

Complementary

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



36.0243, 0.3351, 0.2632



54.9283, 0.2962, 0.4056

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.



36.0243, 0.2343, 0.3526



36.0243, 0.3351, 0.2632



36.0243, 0.3421, 0.4401

Square

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



36.0243, 0.3351, 0.2632



36.0243, 0.4300, 0.3935



36.0243, 0.2827, 0.4112



36.0243, 0.2064, 0.2514

Rectangle

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



36.0243, 0.3351, 0.2632



36.0243, 0.4220, 0.3315



36.0243, 0.2827, 0.4112



36.0243, 0.2139, 0.3110

Sweetspot

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



36.0259, 0.3351, 0.2632



84.3808, 0.3180, 0.3106



30.0505, 0.2653, 0.2292



17.6274, 0.3189, 0.3079



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.



36.0259, 0.3351, 0.2632



47.9809, 0.3415, 0.2492



34.5936, 0.3742, 0.3061



12.5756, 0.3177, 0.3118



10.1720, 0.3982, 0.1968



0.6266, 0.3820, 0.1878

Inverse Universe

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



36.0259, 0.3351, 0.2632



47.9809, 0.3415, 0.2492



56.3660, 0.2742, 0.3536



12.5756, 0.3177, 0.3118



10.1720, 0.3982, 0.1968



0.6266, 0.3820, 0.1878

Previews

White Background



This preview shows how the Yxy color 36.0243, 0.3351, 0.2632 looks on a white background.

Color Contrast Check

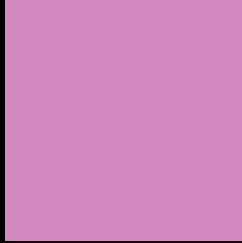
Large Text (above 18pt) WCAG AA × Fail

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 36.0243, 0.3351, 0.2632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

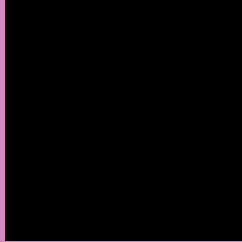
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0243, 0.3351, 0.2632

Background



This preview shows how black text looks on a background with the Yxy color 36.0243, 0.3351, 0.2632.



This preview shows how white text looks on a background with the Yxy color 36.0243, 0.3351, 0.2632.

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

36.0243, 0.3351, 0.2632

Protanopia

36.2291, 0.2651, 0.2620

Deuteranopia

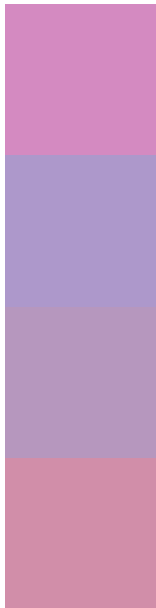
36.1272, 0.2926, 0.2862



Tritanopia

36.0610, 0.3684, 0.3152

Trichromacy



Original Color

36.0243, 0.3351, 0.2632

Protanomaly

35.6525, 0.2881, 0.2618

Deuteranomaly

35.7960, 0.3074, 0.2775

Tritanomaly

35.7659, 0.3563, 0.2954

Monochromacy



Original Color

36.0243, 0.3351, 0.2632

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.9788, 0.3208, 0.3022

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0243, 0.3351, 0.2632 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(212, 138, 193)` looks like.

```
.text, #text, p{  
    color:rgb(212, 138, 193)  
}
```

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(212, 138, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 138, 193) }
```

Border

The CSS property to change the border of an element to Yxy 36.0243, 0.3351, 0.2632 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(212, 138, 193) }
```

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

```
.border{ border-color:rgb(212, 138, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 138, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 138, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 138, 193);  
box-shadow:4px 4px 4px 4px rgb(212, 138,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0243, 0.3351, 0.2632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 138, 193) }
```

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

```
.background{ background-color: rgb(212,  
138, 193) }
```

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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