

Converting Colors

Yxy(36.1463, 0.3623, 0.2822)

Have a look what the booklet for
Yxy(36.1463, 0.3623, 0.2822)
contains.

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Color

Yxy(36.1151, 0.3625, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	DD88B0
RGB	221, 136, 176
RGB Percent	87%, 53%, 69%
CMY	0.1333, 0.4666, 0.3099
CMYK	0.00, 0.38, 0.20, 0.13
HSL	332°, 56%, 70%
HSV	332°, 38%, 87%
XYZ	46.4575, 36.1151, 45.5860
YIQ	165.9750, 37.8200, 30.4600

Conversions

Conversions Part 2

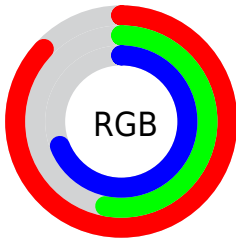
Format	Color
R_{YB}	221, 136, 176
Decimal	14518448
CIE Lab	66.61, 37.79, -7.19
CIE LCh	67, 38.471, 349.225
Yxy	36.1151, 0.3625, 0.2818
Android (android.graphics.Color)	4292708528 (0xFFDD88B0)
YUV	165.9750, 4.9423, 48.2569
Hunter-Lab	60.0958, 32.8229, -2.9077

Details

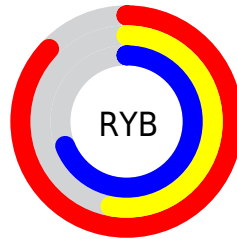
The Yxy color **36.1151, 0.3625, 0.2818** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.2848, 0.2813, 0.3824**, and the grayscale version is **38.0834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3478, 0.3329, 0.2877**, and **15.6884, 0.3766, 0.2671** is the 20% darker color. If you saturate the color by 10%, you get **30.0765, 0.3818, 0.2699**, and if you desaturate by 10%, it is **43.4804, 0.3461, 0.2944**.

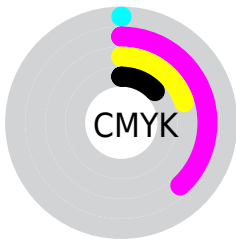
Distribution



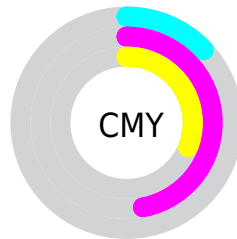
- Red (87%)
- Green (53%)
- Blue (69%)



- Red (87%)
- Yellow (53%)
- Blue (69%)



- Cyan (0%)
- Magenta (38%)
- Yellow (20%)
- Black (13%)





- Cyan (13%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1151, 0.3625, 0.2818 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 36.1151, 0.3625, 0.2818 by changing the saturation by 10% instead.


 36.1151, 0.3625,
0.2818


 36.1151, 0.3625,
0.2818


329.4633, 0.3370,
0.3056


 24.5231, 0.3691,
0.2758


 69.2097, 0.3531,
0.2905

 15.7221, 0.3776,
0.2681


 91.4811, 0.3496,
0.2937

 9.3277, 0.3892,
0.2579


 118.0810, 0.3467,
0.2965

 4.9556, 0.4057,
0.2435

149.3939, 0.3442,
0.2988

 2.2212, 0.4311,
0.2220

185.8043, 0.3420,
0.3008

 0.7315, 0.4759,
0.1851

227.6963, 0.3401,


 0.0000, 0.8576,


0.3026


0.0000


275.4546, 0.3385,
0.3042


 0.0000, 0.0000,
0.0000


 36.1151, 0.3625,
0.2818


 36.1151, 0.3625,
0.2818


 30.0765, 0.3818,
0.2699


 43.4804, 0.3461,
0.2944

 25.2790, 0.4040,
0.2596

 52.2409, 0.3323,
0.3070


 21.6351, 0.4287,
0.2521

 62.4664, 0.3208,
0.3192

 19.0433, 0.4551,
0.2488

 74.2207, 0.3114,
0.3307


 17.3842, 0.4817,
0.2506

 87.5636, 0.3036,
0.3415

 16.4813, 0.5072,
0.2577

 93.5592, 0.2970,
0.3379

 16.3702, 0.5111,
0.2589

 94.1120, 0.2923,
0.3289

Harmonies

Analogous

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



36.1151, 0.3027, 0.2515



36.1151, 0.3625, 0.2818



36.1151, 0.4109, 0.3231

Triad

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



36.1151, 0.3625, 0.2818



36.1151, 0.3703, 0.4343



36.1151, 0.2082, 0.2728

Complementary

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



36.1151, 0.3625, 0.2818



60.2848, 0.2813, 0.3824

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.



36.1151, 0.2224, 0.3232



36.1151, 0.3625, 0.2818



36.1151, 0.3139, 0.4266

Square

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



36.1151, 0.3625, 0.2818



36.1151, 0.4135, 0.4097



36.1151, 0.2600, 0.3830



36.1151, 0.2181, 0.2439

Rectangle

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



36.1151, 0.3625, 0.2818



36.1151, 0.4274, 0.3533



36.1151, 0.2600, 0.3830



36.1151, 0.2102, 0.2875

Sweetspot

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



36.1168, 0.3625, 0.2818



81.0062, 0.3247, 0.3148



32.5252, 0.2790, 0.2232



16.9361, 0.3262, 0.3132



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.



36.1168, 0.3625, 0.2818



43.1953, 0.3775, 0.2723



35.1625, 0.4073, 0.3310



13.1530, 0.3218, 0.3181



9.5323, 0.5075, 0.2569



0.6349, 0.4692, 0.2358

Inverse Universe

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



36.1168, 0.3625, 0.2818



43.1953, 0.3775, 0.2723



61.4230, 0.2593, 0.3271



13.1530, 0.3218, 0.3181



9.5323, 0.5075, 0.2569



0.6349, 0.4692, 0.2358

Previews

White Background



This preview shows how the Yxy color 36.1151, 0.3625, 0.2818 looks on a white background.

Color Contrast Check

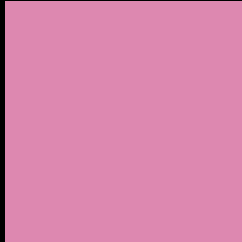
Large Text (above 18pt) WCAG AA × Fail

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 36.1151, 0.3625, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

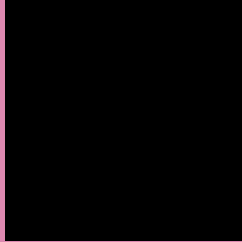
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1151, 0.3625, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 36.1151, 0.3625, 0.2818.



This preview shows how white text looks on a background with the Yxy color 36.1151, 0.3625, 0.2818.

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

36.1151, 0.3625, 0.2818

Protanopia

36.3634, 0.2825, 0.2856

Deuteranopia

36.4309, 0.3155, 0.3096



Tritanopia

36.1895, 0.3856, 0.3170

Trichromacy



Original Color

36.1151, 0.3625, 0.2818



Protanomaly

35.7049, 0.3090, 0.2836



Deuteranomaly

35.9062, 0.3322, 0.2987



Tritanomaly

36.0634, 0.3773, 0.3038

Monochromacy



Original Color

36.1151, 0.3625, 0.2818



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

36.7841, 0.3294, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1151, 0.3625, 0.2818 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(221, 136, 176)` looks like.

```
.text, #text, p{  
    color:rgb(221, 136, 176)  
}
```

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(221, 136, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 136, 176) }
```

Border

The CSS property to change the border of an element to Yxy 36.1151, 0.3625, 0.2818 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(221, 136, 176) }
```

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

```
.border{ border-color:rgb(221, 136, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 136, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 136, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 136, 176);  
box-shadow:4px 4px 4px 4px rgb(221, 136,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1151, 0.3625, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 136, 176) }
```

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

```
.background{ background-color: rgb(221,  
136, 176) }
```

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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