

Converting Colors

$Y_{xy}(36.7531, 0.3462, 0.2648)$

Have a look what the booklet for
Yxy(36.7531, 0.3462, 0.2648)
contains.

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Color

Yxy(36.7421, 0.3465, 0.2651)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DD88BF |
| RGB | 221, 136, 191 |
| RGB Percent | 87%, 53%, 75% |
| CMY | 0.1333, 0.4666, 0.2511 |
| CMYK | 0.00, 0.38, 0.14, 0.13 |
| HSL | 321°, 56%, 70% |
| HSV | 321°, 38%, 87% |
| XYZ | 48.0239, 36.7421, 53.8311 |
| YIQ | 167.6850, 33.0050, 35.1250 |

Conversions

Conversions Part 2

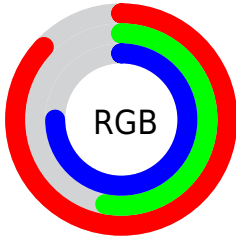
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 221, 136, 191 |
| Decimal | 14518463 |
| CIE _{Lab} | 67.08, 40.12, -14.90 |
| CIE _{LCh} | 67, 42.798, 339.629 |
| Yxy | 36.7421, 0.3465, 0.2651 |
| Android (android.graphics.Color) | 4292708543 (0xFFDD88BF) |
| YUV | 167.6850, 11.4943, 46.7573 |
| Hunter-Lab | 60.6153, 35.3442, -10.2235 |

Details

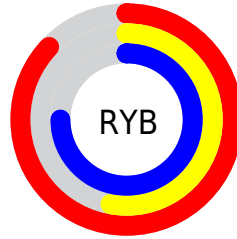
The Yxy color **36.7421, 0.3465, 0.2651** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.7033, 0.2899, 0.4035**, and the grayscale version is **38.9269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2370, 0.3215, 0.2736**, and **16.0681, 0.3545, 0.2470** is the 20% darker color. If you saturate the color by 10%, you get **30.8122, 0.3589, 0.2491**, and if you desaturate by 10%, it is **43.9770, 0.3357, 0.2820**.

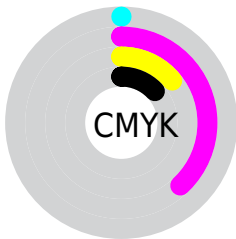
Distribution



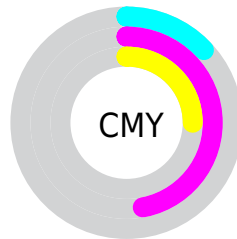
- Red (87%)
- Green (53%)
- Blue (75%)



- Red (87%)
- Yellow (53%)
- Blue (75%)



- Cyan (0%)
- Magenta (38%)
- Yellow (14%)
- Black (13%)



- Cyan (13%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.7421, 0.3465, 0.2651 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 36.7421, 0.3465, 0.2651 by changing the saturation by 10% instead.


 36.7421, 0.3465,
0.2651


 36.7421, 0.3465,
0.2651

332.1926, 0.3298,
0.2965

 25.0079, 0.3506,
0.2574


 70.1760, 0.3405,
0.2764

 16.0829, 0.3558,
0.2477


 92.6444, 0.3382,
0.2807

 9.5828, 0.3627,
0.2350


 119.4596, 0.3363,
0.2843

 5.1233, 0.3721,
0.2177

151.0062, 0.3346,
0.2874

 2.3198, 0.3857,
0.1929

187.6683, 0.3332,
0.2901

 0.7841, 0.4073,
0.1543


229.8305, 0.3319,


 0.0000, 0.4936,


0.2925


0.0000

277.8772, 0.3308,
0.2946


 0.0000, 0.0000,
0.0000


 36.7421, 0.3465,
0.2651

 36.7421, 0.3465,
0.2651


 30.8122, 0.3589,
0.2491


 43.9770, 0.3357,
0.2820


 26.1026, 0.3727,
0.2350


 52.5849, 0.3263,
0.2990


 22.5264, 0.3876,
0.2238


 62.6349, 0.3184,
0.3156


 19.9830, 0.4033,
0.2167


 74.1899, 0.3118,
0.3314

 18.3538, 0.4191,
0.2146


 87.3094, 0.3062,
0.3462


 17.4632, 0.4345,
0.2174

 93.0551, 0.3016,
0.3466

 17.3525, 0.4369,
0.2180

 93.5238, 0.2974,
0.3385

 94.0126, 0.2931,
0.3305

 94.1123, 0.2923,
0.3289

Harmonies

Analogous

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



36.7421, 0.2813, 0.2374



36.7421, 0.3465, 0.2651



36.7421, 0.4071, 0.3066

Triad

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



36.7421, 0.3465, 0.2651



36.7421, 0.3929, 0.4392



36.7421, 0.2005, 0.2818

Complementary

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



36.7421, 0.3465, 0.2651



59.7033, 0.2899, 0.4035

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.



36.7421, 0.2240, 0.3433



36.7421, 0.3465, 0.2651



36.7421, 0.3336, 0.4452

Square

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



36.7421, 0.3465, 0.2651



36.7421, 0.4330, 0.4032



36.7421, 0.2718, 0.4084



36.7421, 0.2031, 0.2427

Rectangle

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



36.7421, 0.3465, 0.2651



36.7421, 0.4330, 0.3387



36.7421, 0.2718, 0.4084



36.7421, 0.2054, 0.3003

Sweetspot

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



36.7438, 0.3465, 0.2651



81.3296, 0.3212, 0.3096



30.9127, 0.2665, 0.2195



17.0122, 0.3222, 0.3074



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.



36.7438, 0.3465, 0.2651



44.1829, 0.3562, 0.2523



35.1459, 0.3932, 0.3139



13.1926, 0.3191, 0.3140



10.1025, 0.4346, 0.2168



0.6706, 0.4113, 0.2039

Inverse Universe

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



36.7438, 0.3465, 0.2651



44.1829, 0.3562, 0.2523



61.5150, 0.2662, 0.3453



13.1926, 0.3191, 0.3140



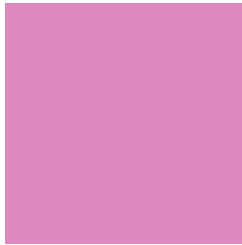
10.1025, 0.4346, 0.2168



0.6706, 0.4113, 0.2039

Previews

White Background



This preview shows how the Yxy color 36.7421, 0.3465, 0.2651 looks on a white background.

Color Contrast Check

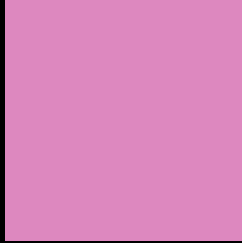
Large Text (above 18pt) WCAG AA × Fail

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 36.7421, 0.3465, 0.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

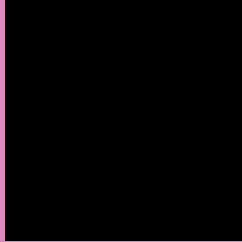
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7421, 0.3465, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 36.7421, 0.3465, 0.2651.



This preview shows how white text looks on a background with the Yxy color 36.7421, 0.3465, 0.2651.

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

36.7421, 0.3465, 0.2651

Protanopia

37.1195, 0.2670, 0.2651

Deuteranopia

37.1645, 0.2978, 0.2920



Tritanopia

36.7297, 0.3806, 0.3157

Trichromacy



Original Color

36.7421, 0.3465, 0.2651



Protanomaly

36.3938, 0.2925, 0.2650



Deuteranomaly

36.4554, 0.3150, 0.2809



Tritanomaly

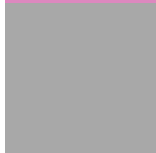
36.4516, 0.3682, 0.2965

Monochromacy



Original Color

36.7421, 0.3465, 0.2651



Achromatopsia

39.1572, 0.3127, 0.3290



Achromatomaly

37.4763, 0.3246, 0.3025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7421, 0.3465, 0.2651 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(221, 136, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 136, 191) }
```

Border

The CSS property to change the border of an element to Yxy 36.7421, 0.3465, 0.2651 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, 191) }
```

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

```
.border{ border-color:rgb(221, 136, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 136, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 136, 191);  
box-shadow:4px 4px 4px 4px rgb(221, 136,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7421, 0.3465, 0.2651 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, 191) }
```

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

```
.background{ background-color: rgb(221,  
136, 191) }
```

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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