

Converting Colors

$Y_{xy}(36.3108, 0.3539, 0.2798)$

Have a look what the booklet for
Yxy(36.3108, 0.3539, 0.2798)
contains.

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Color

Yxy(36.2240, 0.3536, 0.2788)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D98AB4 |
| RGB | 217, 138, 180 |
| RGB Percent | 85%, 54%, 71% |
| CMY | 0.1490, 0.4588, 0.2940 |
| CMYK | 0.00, 0.36, 0.17, 0.15 |
| HSL | 328°, 51%, 70% |
| HSV | 328°, 36%, 85% |
| XYZ | 45.9426, 36.2240, 47.7616 |
| YIQ | 166.4090, 33.6020, 29.8100 |

Conversions

Conversions Part 2

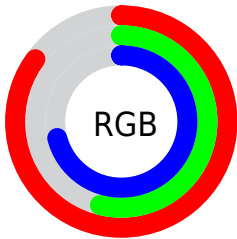
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 217, 138, 180 |
| Decimal | 14256820 |
| CIE Lab | 66.69, 35.97, -9.39 |
| CIE LCh | 67, 37.180, 345.368 |
| Yxy | 36.2240, 0.3536, 0.2788 |
| Android (android.graphics.Color) | 4292446900 (0xFFD98AB4) |
| YUV | 166.4090, 6.7004, 44.3683 |
| Hunter-Lab | 60.1864, 30.9299, -4.9198 |

Details

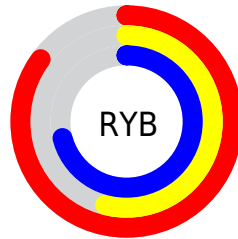
The Yxy color **36.2240, 0.3536, 0.2788** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.1216, 0.2856, 0.3858**, and the grayscale version is **38.2976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4561, 0.3296, 0.2859**, and **15.7650, 0.3668, 0.2646** is the 20% darker color. If you saturate the color by 10%, you get **30.2096, 0.3699, 0.2652**, and if you desaturate by 10%, it is **43.5160, 0.3397, 0.2930**.

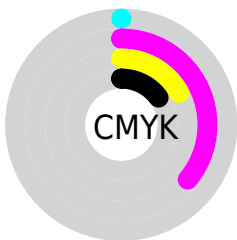
Distribution



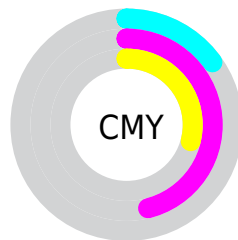
- Red (85%)
- Green (54%)
- Blue (71%)



- Red (85%)
- Yellow (54%)
- Blue (71%)



- Cyan (0%)
- Magenta (36%)
- Yellow (17%)
- Black (15%)



- Cyan (15%)
- Magenta (46%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.2240, 0.3536, 0.2788 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 36.2240, 0.3536, 0.2788 by changing the saturation by 10% instead.

 36.2240, 0.3536,
0.2788


 36.2240, 0.3536,
0.2788


329.9385, 0.3328,
0.3039


 24.6072, 0.3589,
0.2725


 69.3777, 0.3460,
0.2879

 15.7847, 0.3657,
0.2645


 91.6834, 0.3431,
0.2914

 9.3719, 0.3750,
0.2538


 118.3208, 0.3407,
0.2943

 4.9846, 0.3880,
0.2389

149.6745, 0.3387,
0.2967

 2.2382, 0.4079,
0.2170

186.1287, 0.3369,
0.2989

 0.7407, 0.4424,
0.1800

228.0678, 0.3354,

 0.0000, 0.6728,

0.3008

0.0000

275.8763, 0.3340,
0.3025

0.0000, 0.0000,
0.0000

36.2240, 0.3536,
0.2788

36.2240, 0.3536,
0.2788

30.2096, 0.3699,
0.2652

43.5160, 0.3397,
0.2930

25.3925, 0.3885,
0.2530

52.1494, 0.3279,
0.3071

21.6914, 0.4093,
0.2435


62.1898, 0.3181,
0.3207


19.0124, 0.4315,
0.2378

73.6972, 0.3100,
0.3335


17.2461, 0.4543,
0.2371


86.7277, 0.3032,
0.3455

 16.2544, 0.4766,
0.2418

 92.6199, 0.2975,
0.3434

 15.9987, 0.4845,
0.2443

 93.2438, 0.2921,
0.3329

 93.4911, 0.2900,
0.3289

Harmonies

Analogous

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



36.2240, 0.2959, 0.2511



36.2240, 0.3536, 0.2788



36.2240, 0.4028, 0.3179

Triad

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



36.2240, 0.3536, 0.2788



36.2240, 0.3749, 0.4291



36.2240, 0.2118, 0.2800

Complementary

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



36.2240, 0.3536, 0.2788



58.1216, 0.2856, 0.3858

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.



36.2240, 0.2288, 0.3309



36.2240, 0.3536, 0.2788



36.2240, 0.3213, 0.4260

Square

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



36.2240, 0.3536, 0.2788



36.2240, 0.4139, 0.4028



36.2240, 0.2679, 0.3879



36.2240, 0.2185, 0.2490

Rectangle

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



36.2240, 0.3536, 0.2788



36.2240, 0.4215, 0.3471



36.2240, 0.2679, 0.3879



36.2240, 0.2149, 0.2952

Sweetspot

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



36.2257, 0.3536, 0.2788



82.5738, 0.3225, 0.3144



32.2866, 0.2778, 0.2284



17.2528, 0.3238, 0.3125



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.



36.2257, 0.3536, 0.2788



45.1320, 0.3664, 0.2678



34.8418, 0.3975, 0.3260



13.1667, 0.3209, 0.3166



9.7067, 0.4815, 0.2426



0.6462, 0.4482, 0.2243

Inverse Universe

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



36.2257, 0.3536, 0.2788



45.1320, 0.3664, 0.2678



59.9009, 0.2633, 0.3322



13.1667, 0.3209, 0.3166



9.7067, 0.4815, 0.2426



0.6462, 0.4482, 0.2243

Previews

White Background



This preview shows how the Yxy color 36.2240, 0.3536, 0.2788 looks on a white background.

Color Contrast Check

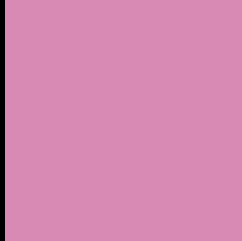
Large Text (above 18pt) WCAG AA × Fail

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 36.2240, 0.3536, 0.2788 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 36.2240, 0.3536, 0.2788

Background



This preview shows how black text looks on a background with the Yxy color 36.2240, 0.3536, 0.2788.



This preview shows how white text looks on a background with the Yxy color 36.2240, 0.3536, 0.2788.

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

36.2240, 0.3536, 0.2788

Protanopia

36.3984, 0.2794, 0.2816

Deuteranopia

36.3590, 0.3101, 0.3041



Tritanopia

36.2742, 0.3774, 0.3156

Trichromacy



Original Color

36.2240, 0.3536, 0.2788

Protanomaly

35.9651, 0.3036, 0.2796

Deuteranomaly

35.9989, 0.3252, 0.2946

Tritanomaly

36.1412, 0.3692, 0.3022

Monochromacy



Original Color

36.2240, 0.3536, 0.2788

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.0315, 0.3274, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2240, 0.3536, 0.2788 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(217, 138, 180)` looks like.

```
.text, #text, p{  
    color:rgb(217, 138, 180)  
}
```

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(217, 138, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 138, 180) }
```

Border

The CSS property to change the border of an element to Yxy 36.2240, 0.3536, 0.2788 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(217, 138, 180) }
```

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

```
.border{ border-color:rgb(217, 138, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 138, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 138, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 138, 180);  
box-shadow:4px 4px 4px 4px rgb(217, 138,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2240, 0.3536, 0.2788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 138, 180) }
```

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

```
.background{ background-color: rgb(217,  
138, 180) }
```

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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