

Converting Colors

$Y_{xy}(38.3306, 0.3530, 0.2792)$

Have a look what the booklet for
Yxy(38.3306, 0.3530, 0.2792)
contains.

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Color

Yxy(38.3784, 0.3527, 0.2788)

Conversions

Conversions Part 1

Format	Color
Hex	DE8EB9
RGB	222, 142, 185
RGB Percent	87%, 56%, 73%
CMY	0.1294, 0.4431, 0.2747
CMYK	0.00, 0.36, 0.17, 0.13
HSL	328°, 55%, 71%
HSV	328°, 36%, 87%
XYZ	48.5512, 38.3784, 50.7261
YIQ	170.8220, 33.8770, 30.3330

Conversions

Conversions Part 2

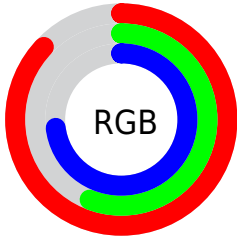
Format	Color
R _Y B	222, 142, 185
Decimal	14585529
CIE Lab	68.30, 36.33, -9.70
CIE LCh	68, 37.607, 345.051
Yxy	38.3784, 0.3527, 0.2788
Android (android.graphics.Color)	4292775609 (0xFFDE8EB9)
YUV	170.8220, 6.9898, 44.8831
Hunter-Lab	61.9503, 31.4794, -5.1826

Details

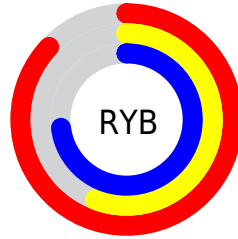
The Yxy color **38.3784, 0.3527, 0.2788** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.2520, 0.2861, 0.3858**, and the grayscale version is **40.5829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5434, 0.3255, 0.2852**, and **16.9776, 0.3636, 0.2645** is the 20% darker color. If you saturate the color by 10%, you get **31.9999, 0.3687, 0.2650**, and if you desaturate by 10%, it is **46.1074, 0.3390, 0.2931**.

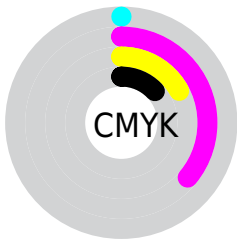
Distribution



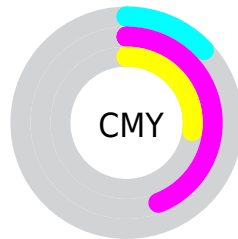
- Red (87%)
- Green (56%)
- Blue (73%)



- Red (87%)
- Yellow (56%)
- Blue (73%)



- Cyan (0%)
- Magenta (36%)
- Yellow (17%)
- Black (13%)



- Cyan (13%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3784, 0.3527, 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 38.3784, 0.3527, 0.2788 by changing the saturation by 10% instead.


 38.3784, 0.3527,
0.2788


 38.3784, 0.3527,
0.2788


339.2404, 0.3326,
0.3037

 26.2765, 0.3578,
0.2727


 72.6878, 0.3454,
0.2878

 17.0306, 0.3643,
0.2648

 95.6640, 0.3426,
0.2912

 10.2563, 0.3730,
0.2545


123.0338, 0.3403,
0.2941

 5.5692, 0.3852,
0.2403

155.1816, 0.3383,
0.2965

 2.5850, 0.4034,
0.2195

192.4918, 0.3366,
0.2987

 0.9191, 0.4336,
0.1867


235.3487, 0.3351,


 0.0000, 0.5994,


0.3005


0.0000


284.1368, 0.3338,
0.3022

 0.0000, 0.0000,
0.0000


 38.3784, 0.3527,
0.2788


 38.3784, 0.3527,
0.2788


 31.9999, 0.3687,
0.2650


 46.1074, 0.3390,
0.2931


 26.8874, 0.3871,
0.2527


 55.2541, 0.3274,
0.3074


 22.9550, 0.4076,
0.2429


 65.8878, 0.3177,
0.3211

 20.1041, 0.4295,
0.2370

 78.0716, 0.3097,
0.3340


 18.2194, 0.4520,
0.2361

 91.8648, 0.3031,
0.3461

 17.1583, 0.4740,
0.2405

 93.7432, 0.2974,
0.3374

 16.8667, 0.4826,
0.2432

 94.2699, 0.2929,
0.3289

Harmonies

Analogous

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



38.3784, 0.2955, 0.2515



38.3784, 0.3527, 0.2788



38.3784, 0.4017, 0.3176

Triad

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



38.3784, 0.3527, 0.2788



38.3784, 0.3750, 0.4282



38.3784, 0.2126, 0.2809

Complementary

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



38.3784, 0.3527, 0.2788



61.2520, 0.2861, 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.



38.3784, 0.2297, 0.3315



38.3784, 0.3527, 0.2788



38.3784, 0.3218, 0.4254

Square

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



38.3784, 0.3527, 0.2788



38.3784, 0.4134, 0.4019



38.3784, 0.2688, 0.3879



38.3784, 0.2189, 0.2498

Rectangle

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



38.3784, 0.3527, 0.2788



38.3784, 0.4205, 0.3466



38.3784, 0.2688, 0.3879



38.3784, 0.2157, 0.2960

Sweetspot

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



38.3802, 0.3527, 0.2788



82.5823, 0.3224, 0.3142



34.0889, 0.2770, 0.2291



17.2549, 0.3237, 0.3124



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.



38.3802, 0.3527, 0.2788



45.9884, 0.3642, 0.2686



36.9547, 0.3950, 0.3244



13.8230, 0.3208, 0.3165



10.0410, 0.4796, 0.2416



0.7140, 0.4485, 0.2244

Inverse Universe

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



38.3802, 0.3527, 0.2788



45.9884, 0.3642, 0.2686



63.0574, 0.2644, 0.3339



13.8230, 0.3208, 0.3165



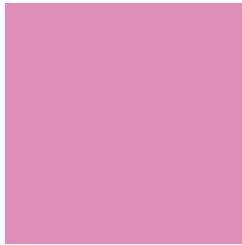
10.0410, 0.4796, 0.2416



0.7140, 0.4485, 0.2244

Previews

White Background



This preview shows how the Yxy color 38.3784, 0.3527, 0.2788 looks on a white background.

Color Contrast Check

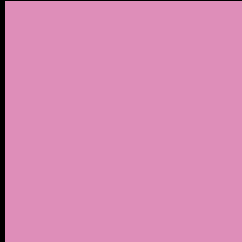
Large Text (above 18pt) WCAG AA × Fail

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 38.3784, 0.3527, 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 38.3784, 0.3527, 0.2788

Background



This preview shows how black text looks on a background with the Yxy color 38.3784, 0.3527, 0.2788.



This preview shows how white text looks on a background with the Yxy color 38.3784, 0.3527, 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

38.3784, 0.3527, 0.2788

Protanopia

38.5540, 0.2801, 0.2814

Deuteranopia

38.5240, 0.3102, 0.3034



Tritanopia

38.3961, 0.3769, 0.3159

Trichromacy



Original Color

38.3784, 0.3527, 0.2788



Protanomaly

38.1214, 0.3039, 0.2796



Deuteranomaly

38.1575, 0.3250, 0.2942



Tritanomaly

38.2936, 0.3678, 0.3016

Monochromacy



Original Color

38.3784, 0.3527, 0.2788



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

39.2234, 0.3271, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3784, 0.3527, 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(222, 142, 185)` looks like.

```
.text, #text, p{  
    color:rgb(222, 142, 185)  
}
```

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(222, 142, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 142, 185) }
```

Border

The CSS property to change the border of an element to Yxy 38.3784, 0.3527, 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(222, 142, 185) }
```

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

```
.border{ border-color:rgb(222, 142, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 142, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 142, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 142, 185);  
box-shadow:4px 4px 4px 4px rgb(222, 142,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3784, 0.3527, 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(222, 142, 185) }
```

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

```
.background{ background-color: rgb(222,  
142, 185) }
```

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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