

Converting Colors

Yxy(38.2547, 0.3118, 0.2315)

Have a look what the booklet for
Yxy(38.2547, 0.3118, 0.2315)
contains.

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Color

Yxy(38.3332, 0.3125, 0.2321)

Conversions

Conversions Part 1

Format	Color
Hex	DB89E0
RGB	219, 137, 224
RGB Percent	86%, 54%, 88%
CMY	0.1412, 0.4627, 0.1215
CMYK	0.02, 0.39, 0.00, 0.12
HSL	297°, 58%, 71%
HSV	297°, 39%, 88%
XYZ	51.6119, 38.3332, 75.2130
YIQ	171.4360, 20.9450, 44.4410

Conversions

Conversions Part 2

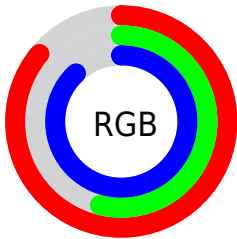
Format	Color
R _Y B	219, 137, 224
Decimal	14387680
CIE Lab	68.27, 44.71, -31.51
CIE LCh	68, 54.695, 324.821
Yxy	38.3332, 0.3125, 0.2321
Android (android.graphics.Color)	4292577760 (0xFFDB89E0)
YUV	171.4360, 25.9141, 41.7136
Hunter-Lab	61.9138, 40.4500, -28.6859

Details

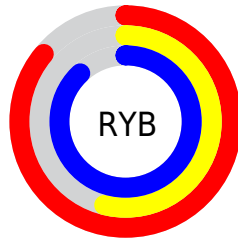
The Yxy color **38.3332, 0.3125, 0.2321** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **60.8829, 0.3104, 0.4463**, and the grayscale version is **40.8159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1793, 0.3156, 0.2673**, and **17.0055, 0.3105, 0.2094** is the 20% darker color. If you saturate the color by 10%, you get **32.4127, 0.3120, 0.2091**, and if you desaturate by 10%, it is **45.5808, 0.3128, 0.2568**.

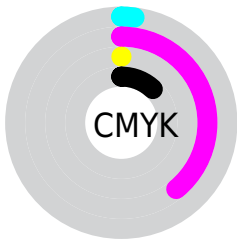
Distribution



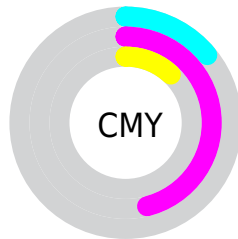
- Red (86%)
- Green (54%)
- Blue (88%)



- Red (86%)
- Yellow (54%)
- Blue (88%)



- Cyan (2%)
- Magenta (39%)
- Yellow (0%)
- Black (12%)





- Cyan (14%)
- Magenta (46%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3332, 0.3125, 0.2321 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 38.3332, 0.3125, 0.2321 by changing the saturation by 10% instead.


 38.3332, 0.3125,
0.2321


 38.3332, 0.3125,
0.2321


339.0472, 0.3141,
0.2778


 26.2414, 0.3117,
0.2215


 72.6186, 0.3134,
0.2481

 17.0043, 0.3105,
0.2085

 95.5809, 0.3136,
0.2543

 10.2376, 0.3085,
0.1920


 122.9356, 0.3138,
0.2596

 5.5568, 0.3051,
0.1707

155.0669, 0.3139,
0.2642

 2.5775, 0.2990,
0.1423

192.3593, 0.3140,
0.2683

 0.9154, 0.2870,
0.1038

235.1973, 0.3141,


 0.0000, 0.2747,


0.2718


0.0000


283.9651, 0.3141,
0.2750


 0.0000, 0.0000,
0.0000

 38.3332, 0.3125,
0.2321


 38.3332, 0.3125,
0.2321

 32.4127, 0.3120,
0.2091


 45.5808, 0.3128,
0.2568


 27.7318, 0.3113,
0.1887


 54.2257, 0.3129,
0.2821


 24.2004, 0.3103,
0.1719


 64.3394, 0.3129,
0.3074


 21.7143, 0.3092,
0.1592


 75.9868, 0.3127,
0.3318


 20.1502, 0.3079,
0.1509


 89.2292, 0.3124,
0.3550

 19.3189, 0.3064,
0.1465

 93.1951, 0.3129,
0.3608

 19.2402, 0.3063,
0.1461

 93.4064, 0.3137,
0.3608

 93.6193, 0.3145,
0.3607

 93.8337, 0.3154,
0.3606

Harmonies

Analogous

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



38.3332, 0.2394, 0.2096



38.3332, 0.3125, 0.2321



38.3332, 0.3961, 0.2740

Triad

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



38.3332, 0.3125, 0.2321



38.3332, 0.4388, 0.4433



38.3332, 0.1852, 0.3028

Complementary

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



38.3332, 0.3125, 0.2321



60.8829, 0.3104, 0.4463

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.



38.3332, 0.2276, 0.3898



38.3332, 0.3125, 0.2321



38.3332, 0.3735, 0.4780

Square

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



38.3332, 0.3125, 0.2321



38.3332, 0.4726, 0.3874



38.3332, 0.2962, 0.4621



38.3332, 0.1741, 0.2404

Rectangle

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



38.3332, 0.3125, 0.2321



38.3332, 0.4420, 0.3094



38.3332, 0.2962, 0.4621



38.3332, 0.1958, 0.3303

Sweetspot

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



38.3349, 0.3125, 0.2321



81.6723, 0.3129, 0.2992



30.2903, 0.2424, 0.2187



17.0931, 0.3129, 0.2959



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.



38.3349, 0.3125, 0.2321



44.5582, 0.3121, 0.2124



37.3033, 0.3543, 0.2720



13.8931, 0.3129, 0.3058



11.2147, 0.3065, 0.1462



0.7898, 0.3089, 0.1475

Inverse Universe

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



35.6990, 0.4037, 0.3233



40.5854, 0.4351, 0.3222



61.7249, 0.2858, 0.3947



13.7133, 0.3283, 0.3277



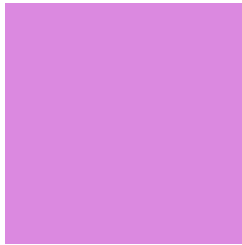
9.2466, 0.6336, 0.3264



0.6455, 0.6155, 0.3164

Previews

White Background



This preview shows how the Yxy color 38.3332, 0.3125, 0.2321 looks on a white background.

Color Contrast Check

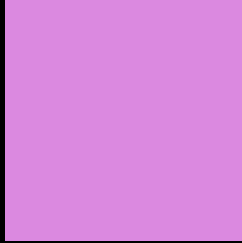
Large Text (above 18pt) WCAG AA × Fail

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 38.3332, 0.3125, 0.2321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

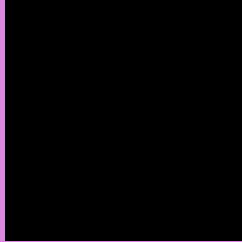
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3332, 0.3125, 0.2321

Background



This preview shows how black text looks on a background with the Yxy color 38.3332, 0.3125, 0.2321.



This preview shows how white text looks on a background with the Yxy color 38.3332, 0.3125, 0.2321.

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

38.3332, 0.3125, 0.2321

Protanopia

38.7189, 0.2372, 0.2264

Deuteranopia

38.6340, 0.2628, 0.2565



Tritanopia

38.2702, 0.3637, 0.3142

Trichromacy



Original Color

38.3332, 0.3125, 0.2321



Protanomaly

37.6606, 0.2603, 0.2269



Deuteranomaly

37.7966, 0.2786, 0.2451



Tritanomaly

38.0497, 0.3441, 0.2809

Monochromacy



Original Color

38.3332, 0.3125, 0.2321



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

39.2053, 0.3127, 0.2889

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3332, 0.3125, 0.2321 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(219, 137, 224)` looks like.

```
.text, #text, p{  
    color:rgb(219, 137, 224)  
}
```

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(219, 137, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 137, 224) }
```

Border

The CSS property to change the border of an element to Yxy 38.3332, 0.3125, 0.2321 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(219, 137, 224) }
```

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

```
.border{ border-color:rgb(219, 137, 224) }
```

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

Here you see how a box with a 4 pixel rgb(219, 137, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 137, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 137, 224);  
box-shadow:4px 4px 4px 4px rgb(219, 137,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3332, 0.3125, 0.2321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 137, 224) }
```

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

```
.background{ background-color: rgb(219,  
137, 224) }
```

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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