

Converting Colors

Yxy(38.3125, 0.3159, 0.2403)

Have a look what the booklet for
Yxy(38.3125, 0.3159, 0.2403)
contains.

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Color

Yxy(38.2789, 0.3160, 0.2395)

Conversions

Conversions Part 1

Format	Color
Hex	D98BDA
RGB	217, 139, 218
RGB Percent	85%, 55%, 85%
CMY	0.1489, 0.4549, 0.1452
CMYK	0.00, 0.36, 0.00, 0.15
HSL	299°, 52%, 70%
HSV	299°, 36%, 85%
XYZ	50.5058, 38.2789, 71.0437
YIQ	171.3280, 21.1290, 41.1050

Conversions

Conversions Part 2

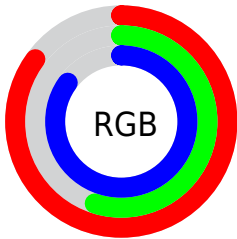
Format	Color
R_{YB}	217, 139, 218
Decimal	14257114
CIE _{Lab}	68.23, 41.94, -28.25
CIE _{LCh}	68, 50.569, 326.037
Yxy	38.2789, 0.3160, 0.2395
Android (android.graphics.Color)	4292447194 (0xFFD98BDA)
YUV	171.3280, 23.0093, 40.0543
Hunter-Lab	61.8699, 37.4410, -24.7723

Details

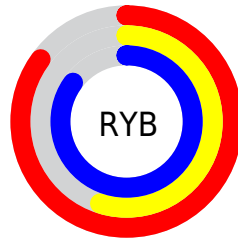
The Yxy color **38.2789, 0.3160, 0.2395** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **57.5693, 0.3082, 0.4378**, and the grayscale version is **40.7732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0636, 0.3155, 0.2693**, and **17.0378, 0.3153, 0.2173** is the 20% darker color. If you saturate the color by 10%, you get **32.5447, 0.3167, 0.2167**, and if you desaturate by 10%, it is **45.2750, 0.3152, 0.2639**.

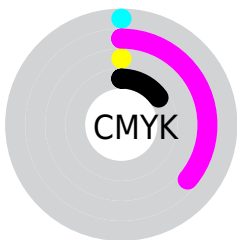
Distribution



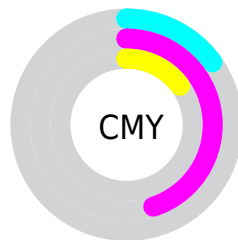
- Red (85%)
- Green (55%)
- Blue (85%)



- Red (85%)
- Yellow (55%)
- Blue (85%)



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





- Cyan (15%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2789, 0.3160, 0.2395 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 38.2789, 0.3160, 0.2395 by changing the saturation by 10% instead.


 38.2789, 0.3160,
0.2395


 38.2789, 0.3160,
0.2395


338.8149, 0.3156,
0.2821

 26.1992, 0.3157,
0.2296


 72.5354, 0.3161,
0.2545

 16.9727, 0.3152,
0.2172

 95.4810, 0.3161,
0.2602

 10.2151, 0.3142,
0.2015


 122.8174, 0.3161,
0.2652

 5.5418, 0.3122,
0.1809

154.9290, 0.3160,
0.2695

 2.5685, 0.3081,
0.1530

192.2002, 0.3159,
0.2732

 0.9109, 0.2992,
0.1143

235.0152, 0.3158,


 0.0000, 0.2950,


0.2765

0.0000


283.7587, 0.3157,
0.2795


 0.0000, 0.0000,
0.0000


 38.2789, 0.3160,
0.2395


 38.2789, 0.3160,
0.2395


 32.5447, 0.3167,
0.2167


 45.2750, 0.3152,
0.2639


 27.9921, 0.3174,
0.1963


 53.5969, 0.3142,
0.2890


 24.5396, 0.3178,
0.1794


 63.3103, 0.3133,
0.3139


 22.0932, 0.3180,
0.1666


 74.4749, 0.3124,
0.3379


 20.5432, 0.3181,
0.1580

 87.1472, 0.3115,
0.3608


 19.7524, 0.3179,
0.1536

 91.5809, 0.3113,
0.3678

 19.5591, 0.3179,
0.1525

 91.6219, 0.3114,
0.3678

 91.6629, 0.3116,
0.3678

 91.7040, 0.3118,
0.3677

Harmonies

Analogous

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



38.2789, 0.2469, 0.2174



38.2789, 0.3160, 0.2395



38.2789, 0.3930, 0.2798

Triad

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



38.2789, 0.3160, 0.2395



38.2789, 0.4289, 0.4384



38.2789, 0.1926, 0.3026

Complementary

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



38.2789, 0.3160, 0.2395



57.5693, 0.3082, 0.4378

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.



38.2789, 0.2317, 0.3818



38.2789, 0.3160, 0.2395



38.2789, 0.3676, 0.4673

Square

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



38.2789, 0.3160, 0.2395



38.2789, 0.4610, 0.3873



38.2789, 0.2954, 0.4491



38.2789, 0.1829, 0.2453

Rectangle

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



38.2789, 0.3160, 0.2395



38.2789, 0.4344, 0.3135



38.2789, 0.2954, 0.4491



38.2789, 0.2024, 0.3277

Sweetspot

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



38.2806, 0.3160, 0.2395



83.3263, 0.3138, 0.3018



29.3974, 0.2472, 0.2221



17.4329, 0.3139, 0.2984



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.



38.2806, 0.3160, 0.2395



48.5864, 0.3165, 0.2230



36.6543, 0.3546, 0.2804



13.2664, 0.3136, 0.3060



11.7238, 0.3179, 0.1525



0.7622, 0.3184, 0.1528

Inverse Universe

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



35.2591, 0.3989, 0.3281



43.7145, 0.4251, 0.3279



58.8036, 0.2850, 0.3838



13.0541, 0.3290, 0.3288



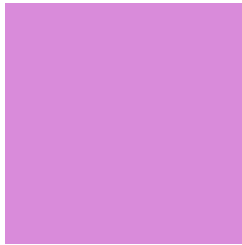
8.9345, 0.6387, 0.3292



0.5797, 0.6345, 0.3269

Previews

White Background



This preview shows how the Yxy color 38.2789, 0.3160, 0.2395 looks on a white background.

Color Contrast Check

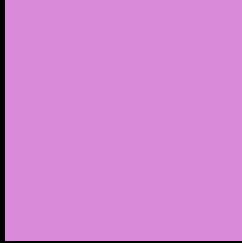
Large Text (above 18pt) WCAG AA × Fail

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 38.2789, 0.3160, 0.2395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

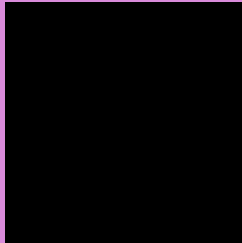
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2789, 0.3160, 0.2395

Background



This preview shows how black text looks on a background with the Yxy color 38.2789, 0.3160, 0.2395.



This preview shows how white text looks on a background with the Yxy color 38.2789, 0.3160, 0.2395.

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

38.2789, 0.3160, 0.2395

Protanopia

38.5946, 0.2441, 0.2352

Deuteranopia

38.6241, 0.2691, 0.2639



Tritanopia

38.4435, 0.3624, 0.3154

Trichromacy



Original Color

38.2789, 0.3160, 0.2395



Protanomaly

37.8138, 0.2666, 0.2356



Deuteranomaly

37.9327, 0.2841, 0.2531



Tritanomaly

38.3910, 0.3458, 0.2866

Monochromacy



Original Color

38.2789, 0.3160, 0.2395



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

39.1185, 0.3145, 0.2914

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2789, 0.3160, 0.2395 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, 139, 218)` looks like.

```
.text, #text, p{  
    color:rgb(217, 139, 218)  
}
```

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, 139, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 139, 218) }
```

Border

The CSS property to change the border of an element to Yxy 38.2789, 0.3160, 0.2395 is called "border". The border property can be set on classes, ids or directly on the HTML element.

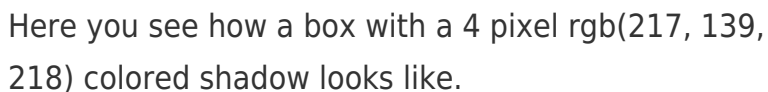
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 139, 218) }
```

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

```
.border{ border-color:rgb(217, 139, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 139, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 139, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 139, 218);  
box-shadow:4px 4px 4px 4px rgb(217, 139,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2789, 0.3160, 0.2395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 139, 218) }
```

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

```
.background{ background-color: rgb(217,  
139, 218) }
```

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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