

Converting Colors

$Y_{xy}(39.3197, 0.3171, 0.2543)$

Have a look what the booklet for
Yxy(39.3197, 0.3171, 0.2543)
contains.

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Color

Yxy(39.3695, 0.3171, 0.2552)

Conversions

Conversions Part 1

Format	Color
Hex	D393D2
RGB	211, 147, 210
RGB Percent	83%, 58%, 82%
CMY	0.1727, 0.4234, 0.1765
CMYK	0.00, 0.30, 0.00, 0.17
HSL	301°, 42%, 70%
HSV	301°, 30%, 83%
XYZ	48.9188, 39.3695, 65.9809
YIQ	173.3180, 17.9210, 33.1610

Conversions

Conversions Part 2

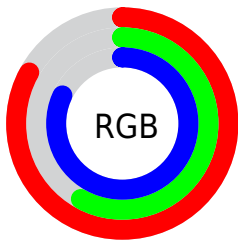
Format	Color
RYB	211, 147, 210
Decimal	13865938
CIELab	69.02, 34.24, -22.66
CIELCh	69, 41.060, 326.500
Yxy	39.3695, 0.3171, 0.2552
Android (android.graphics.Color)	4292056018 (0xFFD393D2)
YUV	173.3180, 18.0842, 33.0471
Hunter-Lab	62.7451, 29.3622, -18.4261

Details

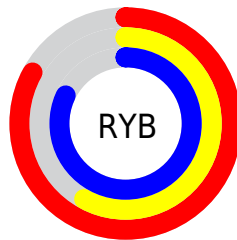
The Yxy color **39.3695, 0.3171, 0.2552** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.9102, 0.3080, 0.4158**, and the grayscale version is **41.8594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7211, 0.3151, 0.2772**, and **17.5195, 0.3171, 0.2361** is the 20% darker color. If you saturate the color by 10%, you get **33.3834, 0.3186, 0.2317**, and if you desaturate by 10%, it is **46.5621, 0.3156, 0.2797**.

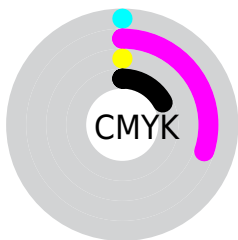
Distribution



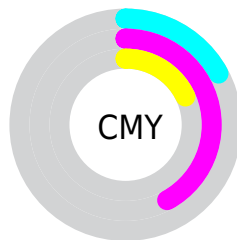
- Red (83%)
- Green (58%)
- Blue (82%)



- Red (83%)
- Yellow (58%)
- Blue (82%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (17%)





- Cyan (17%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3695, 0.3171, 0.2552 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 39.3695, 0.3171, 0.2552 by changing the saturation by 10% instead.


 39.3695, 0.3171,
0.2552


 39.3695, 0.3171,
0.2552


343.4589, 0.3158,
0.2908

 27.0473, 0.3172,
0.2467


 74.2024, 0.3168,
0.2678

 17.6087, 0.3172,
0.2361


 97.4820, 0.3166,
0.2726

 10.6695, 0.3169,
0.2225


125.1828, 0.3165,
0.2768

 5.8450, 0.3161,
0.2043

157.6891, 0.3163,
0.2803

 2.7511, 0.3141,
0.1790

195.3856, 0.3162,
0.2835

 1.0032, 0.3088,
0.1421

238.6564, 0.3160,


 0.0000, 0.3198,


0.2862

0.0000


287.8860, 0.3159,
0.2886


 0.0000, 0.0000,
0.0000


 39.3695, 0.3171,
0.2552

 39.3695, 0.3171,
0.2552

 33.3834, 0.3186,
0.2317


 46.5621, 0.3156,
0.2797


 28.5329, 0.3200,
0.2102


 55.0169, 0.3141,
0.3042


 24.7475, 0.3213,
0.1916


 64.7923, 0.3128,
0.3283


 21.9468, 0.3225,
0.1766

 75.9415, 0.3115,
0.3513


 20.0392, 0.3235,
0.1658

 88.5149, 0.3103,
0.3729


 18.9156, 0.3242,
0.1593

 90.1111, 0.3100,
0.3750

 18.3836, 0.3248,
0.1563

 90.1273, 0.3098,
0.3747

 90.1436, 0.3096,
0.3743

 90.1598, 0.3094,
0.3739

Harmonies

Analogous

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



39.3695, 0.2601, 0.2364



39.3695, 0.3171, 0.2552



39.3695, 0.3784, 0.2897

Triad

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



39.3695, 0.3171, 0.2552



39.3695, 0.4081, 0.4207



39.3695, 0.2135, 0.3084

Complementary

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



39.3695, 0.3171, 0.2552



54.9102, 0.3080, 0.4158

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.



39.3695, 0.2466, 0.3704



39.3695, 0.3171, 0.2552



39.3695, 0.3585, 0.4399

Square

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



39.3695, 0.3171, 0.2552



39.3695, 0.4330, 0.3805



39.3695, 0.2993, 0.4226



39.3695, 0.2050, 0.2612

Rectangle

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



39.3695, 0.3171, 0.2552



39.3695, 0.4111, 0.3185



39.3695, 0.2993, 0.4226



39.3695, 0.2219, 0.3283

Sweetspot

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



39.3712, 0.3171, 0.2552



86.1989, 0.3140, 0.3072



31.7835, 0.2594, 0.2409



18.0068, 0.3142, 0.3036



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.



39.3712, 0.3171, 0.2552



54.6558, 0.3180, 0.2407



37.9734, 0.3468, 0.2899



12.0058, 0.3140, 0.3064



11.1013, 0.3247, 0.1562



0.6217, 0.3240, 0.1558

Inverse Universe

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



39.3712, 0.3171, 0.2552



54.6558, 0.3180, 0.2407



56.0263, 0.2885, 0.3719



12.0058, 0.3140, 0.3064



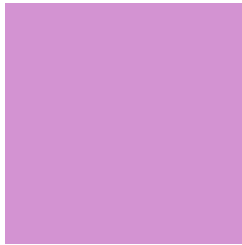
11.1013, 0.3247, 0.1562



0.6217, 0.3240, 0.1558

Previews

White Background



This preview shows how the Yxy color 39.3695, 0.3171, 0.2552 looks on a white background.

Color Contrast Check

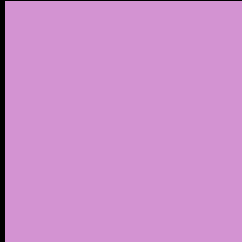
Large Text (above 18pt) WCAG AA × Fail

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 39.3695, 0.3171, 0.2552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

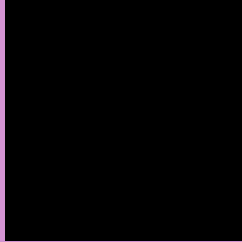
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3695, 0.3171, 0.2552

Background



This preview shows how black text looks on a background with the Yxy color 39.3695, 0.3171, 0.2552.



This preview shows how white text looks on a background with the Yxy color 39.3695, 0.3171, 0.2552.

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

39.3695, 0.3171, 0.2552

Protanopia

39.7916, 0.2586, 0.2546

Deuteranopia

39.5223, 0.2799, 0.2735



Tritanopia

39.2118, 0.3513, 0.3139

Trichromacy



Original Color

39.3695, 0.3171, 0.2552

Protanomaly

39.2548, 0.2773, 0.2542

Deuteranomaly

38.9529, 0.2923, 0.2654

Tritanomaly

39.1408, 0.3381, 0.2908

Monochromacy



Original Color

39.3695, 0.3171, 0.2552

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.6609, 0.3150, 0.3004

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3695, 0.3171, 0.2552 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(211, 147, 210)` looks like.

```
.text, #text, p{  
    color:rgb(211, 147, 210)  
}
```

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(211, 147, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 147, 210) }
```

Border

The CSS property to change the border of an element to Yxy 39.3695, 0.3171, 0.2552 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(211, 147, 210) }
```

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

```
.border{ border-color:rgb(211, 147, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 147, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 147, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 147, 210);  
box-shadow:4px 4px 4px 4px rgb(211, 147,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3695, 0.3171, 0.2552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 147, 210) }
```

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

```
.background{ background-color: rgb(211,  
147, 210) }
```

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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