

Converting Colors

$Y_{xy}(44.0772, 0.3034, 0.2355)$

Have a look what the booklet for
Yxy(44.0772, 0.3034, 0.2355)
contains.

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Color

Yxy(44.1591, 0.3031, 0.2357)

Conversions

Conversions Part 1

Format	Color
Hex	DE98EE
RGB	222, 152, 238
RGB Percent	87%, 60%, 93%
CMY	0.1293, 0.4039, 0.0667
CMYK	0.07, 0.36, 0.00, 0.07
HSL	289°, 72%, 76%
HSV	289°, 36%, 93%
XYZ	56.7867, 44.1591, 86.4072
YIQ	182.7340, 14.1140, 41.5860

Conversions

Conversions Part 2

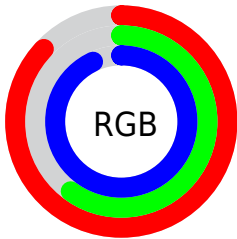
Format	Color
R _Y B	222, 152, 238
Decimal	14588142
CIE Lab	72.33, 40.37, -32.86
CIE LCh	72, 52.053, 320.850
Yxy	44.1591, 0.3031, 0.2357
Android (android.graphics.Color)	4292778222 (0xFFDE98EE)
YUV	182.7340, 27.2461, 34.4363
Hunter-Lab	66.4523, 36.2453, -30.5775

Details

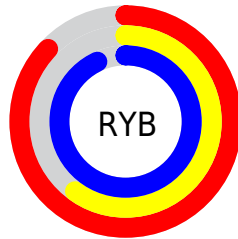
The Yxy color **44.1591, 0.3031, 0.2357** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **71.7286, 0.3176, 0.4350**, and the grayscale version is **47.0443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1056, 0.3149, 0.2821**, and **20.4081, 0.2991, 0.2132** is the 20% darker color. If you saturate the color by 10%, you get **36.5067, 0.2993, 0.2102**, and if you desaturate by 10%, it is **53.3834, 0.3064, 0.2621**.

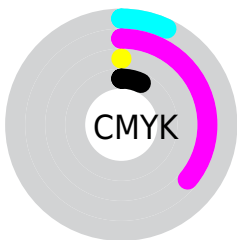
Distribution



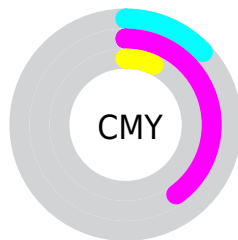
- Red (87%)
- Green (60%)
- Blue (93%)



- Red (87%)
- Yellow (60%)
- Blue (93%)



- Cyan (7%)
- Magenta (36%)
- Yellow (0%)
- Black (7%)





- Cyan (13%)
- Magenta (40%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1591, 0.3031, 0.2357 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 44.1591, 0.3031, 0.2357 by changing the saturation by 10% instead.


 44.1591, 0.3031,
0.2357


 44.1591, 0.3031,
0.2357


363.3571, 0.3091,
0.2790

 30.7956, 0.3013,
0.2259


 81.4571, 0.3055,
0.2507

 20.4433, 0.2989,
0.2139


 106.1604, 0.3064,
0.2565

 12.7177, 0.2954,
0.1989


135.4124, 0.3071,
0.2615

 7.2344, 0.2904,
0.1796

169.5975, 0.3076,
0.2659

 3.6091, 0.2823,
0.1542

209.1002, 0.3081,
0.2698

 1.4574, 0.2686,
0.1200

254.3047, 0.3085,

 0.2585, 0.2488,

0.2732

0.0497

305.5956, 0.3088,
0.2762

0.0000, 0.1109,
0.0000

0.0000, 0.0000,
0.0000

44.1591, 0.3031,
0.2357

44.1591, 0.3031,
0.2357

36.5067, 0.2993,
0.2102

53.3834, 0.3064,
0.2621

30.3270, 0.2950,
0.1867

64.2593, 0.3092,
0.2884

25.5186, 0.2903,
0.1662


76.8683, 0.3115,
0.3140

21.9647, 0.2854,
0.1497


91.2844, 0.3134,
0.3382

 19.5287, 0.2804,
0.1377

 96.9457, 0.3157,
0.3457

 18.0410, 0.2755,
0.1302

 97.7464, 0.3185,
0.3456

 17.6138, 0.2736,
0.1281

 98.5661, 0.3213,
0.3455

 98.9522, 0.3226,
0.3454

Harmonies

Analogous

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



44.1591, 0.2384, 0.2175



44.1591, 0.3031, 0.2357



44.1591, 0.3791, 0.2728

Triad

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



44.1591, 0.3031, 0.2357



44.1591, 0.4350, 0.4291



44.1591, 0.1991, 0.3157

Complementary

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



44.1591, 0.3031, 0.2357



71.7286, 0.3176, 0.4350

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.



44.1591, 0.2426, 0.3943



44.1591, 0.3031, 0.2357



44.1591, 0.3786, 0.4626

Square

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



44.1591, 0.3031, 0.2357



44.1591, 0.4597, 0.3773



44.1591, 0.3081, 0.4537



44.1591, 0.1845, 0.2545

Rectangle

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



44.1591, 0.3031, 0.2357



44.1591, 0.4230, 0.3050



44.1591, 0.3081, 0.4537



44.1591, 0.2105, 0.3414

Sweetspot

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



44.1610, 0.3031, 0.2357



82.4162, 0.3105, 0.3015



41.2969, 0.2499, 0.2422



17.2145, 0.3101, 0.2981



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.



44.1610, 0.3031, 0.2357



45.1785, 0.3005, 0.2176



45.3941, 0.3397, 0.2641



15.8744, 0.3108, 0.3055



9.8811, 0.2743, 0.1285



0.8600, 0.2808, 0.1321

Inverse Universe

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



43.4570, 0.3836, 0.3113



44.3606, 0.4045, 0.3079



71.0218, 0.2935, 0.4045



15.8068, 0.3264, 0.3246



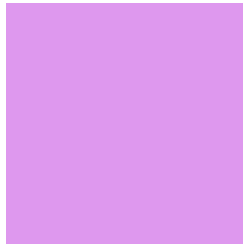
10.2571, 0.6111, 0.3140



0.8665, 0.5766, 0.2950

Previews

White Background



This preview shows how the Yxy color 44.1591, 0.3031, 0.2357 looks on a white background.

Color Contrast Check

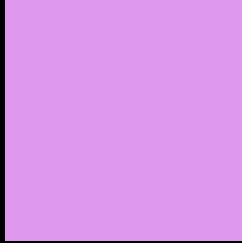
Large Text (above 18pt) WCAG AA × Fail

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 44.1591, 0.3031, 0.2357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

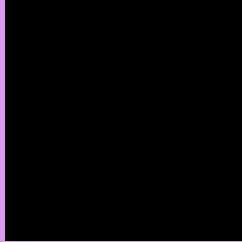
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1591, 0.3031, 0.2357

Background



This preview shows how black text looks on a background with the Yxy color 44.1591, 0.3031, 0.2357.



This preview shows how white text looks on a background with the Yxy color 44.1591, 0.3031, 0.2357.

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

44.1591, 0.3031, 0.2357

Protanopia

44.5553, 0.2417, 0.2325

Deuteranopia

44.5998, 0.2621, 0.2558



Tritanopia

43.8714, 0.3475, 0.3133

Trichromacy



Original Color

44.1591, 0.3031, 0.2357



Protanomaly

43.8241, 0.2604, 0.2326



Deuteranomaly

44.0747, 0.2762, 0.2481



Tritanomaly

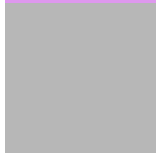
43.8641, 0.3306, 0.2832

Monochromacy



Original Color

44.1591, 0.3031, 0.2357



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.6872, 0.3093, 0.2910

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1591, 0.3031, 0.2357 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, 152, 238)` looks like.

```
.text, #text, p{  
    color:rgb(222, 152, 238)  
}
```

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, 152, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 152, 238) }
```

Border

The CSS property to change the border of an element to Yxy 44.1591, 0.3031, 0.2357 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, 152, 238) }
```

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

```
.border{ border-color:rgb(222, 152, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 152, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 152, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 152, 238);  
box-shadow:4px 4px 4px 4px rgb(222, 152,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1591, 0.3031, 0.2357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 152, 238) }
```

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

```
.background{ background-color: rgb(222,  
152, 238) }
```

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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