

Converting Colors

$Y_{xy}(40.2888, 0.3276, 0.2546)$

Have a look what the booklet for
Yxy(40.2888, 0.3276, 0.2546)
contains.

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Color

Yxy(40.1293, 0.3277, 0.2542)

Conversions

Conversions Part 1

Format	Color
Hex	DE90D2
RGB	222, 144, 210
RGB Percent	87%, 56%, 82%
CMY	0.1294, 0.4353, 0.1764
CMYK	0.00, 0.35, 0.05, 0.13
HSL	309°, 54%, 72%
HSV	309°, 35%, 87%
XYZ	51.7324, 40.1293, 66.0034
YIQ	174.8460, 25.3020, 37.0620

Conversions

Conversions Part 2

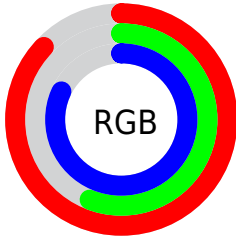
Format	Color
R _Y B	222, 144, 210
Decimal	14586066
CIE _{Lab}	69.56, 39.44, -21.74
CIE _{LCh}	70, 45.034, 331.129
Y _{xy}	40.1293, 0.3277, 0.2542
Android (android.graphics.Color)	4292776146 (0xFFDE90D2)
YUV	174.8460, 17.3309, 41.3541
Hunter-Lab	63.3477, 34.9121, -17.4322

Details

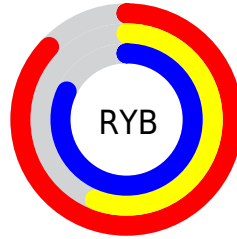
The Yxy color **40.1293, 0.3277, 0.2542** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.5731, 0.3008, 0.4176**, and the grayscale version is **42.6863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3268, 0.3153, 0.2742**, and **18.1278, 0.3318, 0.2361** is the 20% darker color. If you saturate the color by 10%, you get **33.8862, 0.3331, 0.2338**, and if you desaturate by 10%, it is **47.7019, 0.3228, 0.2756**.

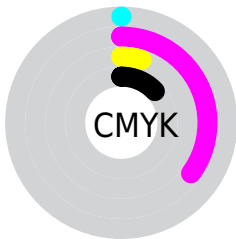
Distribution



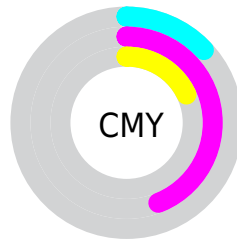
- Red (87%)
- Green (56%)
- Blue (82%)



- Red (87%)
- Yellow (56%)
- Blue (82%)



- Cyan (0%)
- Magenta (35%)
- Yellow (5%)
- Black (13%)





- Cyan (13%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1293, 0.3277, 0.2542 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 40.1293, 0.3277, 0.2542 by changing the saturation by 10% instead.


 40.1293, 0.3277,
0.2542


 40.1293, 0.3277,
0.2542


346.6682, 0.3211,
0.2900

 27.6394, 0.3291,
0.2457


 75.3604, 0.3255,
0.2669

 18.0540, 0.3308,
0.2352


 98.8703, 0.3246,
0.2717

 10.9888, 0.3327,
0.2216


126.8223, 0.3238,
0.2759

 6.0593, 0.3350,
0.2036

159.6009, 0.3231,
0.2795

 2.8812, 0.3376,
0.1787

197.5904, 0.3225,
0.2826

 1.0700, 0.3397,
0.1427

241.1752, 0.3220,

 0.0000, 0.3707,

0.2854

0.0000

290.7397, 0.3215,
0.2879

0.0000, 0.0000,
0.0000

40.1293, 0.3277,
0.2542

40.1293, 0.3277,
0.2542

33.8862, 0.3331,
0.2338

47.7019, 0.3228,
0.2756

28.8892, 0.3388,
0.2154

56.6700, 0.3184,
0.2973

25.0542, 0.3447,
0.1999


67.1019, 0.3145,
0.3184


22.2841, 0.3507,
0.1883


79.0597, 0.3111,
0.3387

20.4664, 0.3565,
0.1811


92.6001, 0.3082,
0.3579


 19.4630, 0.3620,
0.1784

 92.7904, 0.3063,
0.3543

 19.1563, 0.3646,
0.1782

 92.9844, 0.3044,
0.3507

 93.1823, 0.3025,
0.3471

 93.3839, 0.3006,
0.3436

Harmonies

Analogous

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



40.1293, 0.2639, 0.2311



40.1293, 0.3277, 0.2542



40.1293, 0.3935, 0.2931

Triad

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



40.1293, 0.3277, 0.2542



40.1293, 0.4087, 0.4331



40.1293, 0.2024, 0.2965

Complementary

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



40.1293, 0.3277, 0.2542



60.5731, 0.3008, 0.4176

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.



40.1293, 0.2337, 0.3634



40.1293, 0.3277, 0.2542



40.1293, 0.3520, 0.4504

Square

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



40.1293, 0.3277, 0.2542



40.1293, 0.4414, 0.3911



40.1293, 0.2879, 0.4252



40.1293, 0.1976, 0.2495

Rectangle

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



40.1293, 0.3277, 0.2542



40.1293, 0.4264, 0.3246



40.1293, 0.2879, 0.4252



40.1293, 0.2099, 0.3174

Sweetspot

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



40.1311, 0.3277, 0.2542



83.1163, 0.3168, 0.3059



32.2593, 0.2584, 0.2264



17.3825, 0.3173, 0.3030



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.



40.1311, 0.3277, 0.2542



48.6136, 0.3315, 0.2394



38.4288, 0.3666, 0.2967



13.8975, 0.3161, 0.3094



11.3916, 0.3638, 0.1778



0.7995, 0.3562, 0.1736

Inverse Universe

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



40.1311, 0.3277, 0.2542



48.6136, 0.3315, 0.2394



62.1000, 0.2783, 0.3643



13.8975, 0.3161, 0.3094



11.3916, 0.3638, 0.1778



0.7995, 0.3562, 0.1736

Previews

White Background



This preview shows how the Yxy color 40.1293, 0.3277, 0.2542 looks on a white background.

Color Contrast Check

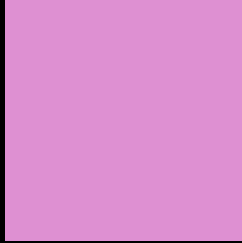
Large Text (above 18pt) WCAG AA × Fail

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 40.1293, 0.3277, 0.2542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

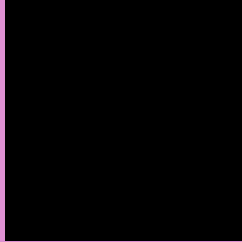
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1293, 0.3277, 0.2542

Background



This preview shows how black text looks on a background with the Yxy color 40.1293, 0.3277, 0.2542.



This preview shows how white text looks on a background with the Yxy color 40.1293, 0.3277, 0.2542.

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

40.1293, 0.3277, 0.2542

Protanopia

40.4213, 0.2576, 0.2528

Deuteranopia

40.5287, 0.2832, 0.2778



Tritanopia

40.0980, 0.3648, 0.3145

Trichromacy



Original Color

40.1293, 0.3277, 0.2542



Protanomaly

39.6004, 0.2798, 0.2516



Deuteranomaly

39.9926, 0.2984, 0.2688



Tritanomaly

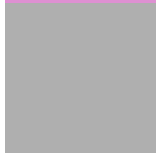
40.0543, 0.3512, 0.2921

Monochromacy



Original Color

40.1293, 0.3277, 0.2542



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

41.3882, 0.3178, 0.2984

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1293, 0.3277, 0.2542 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, 144, 210)` looks like.

```
.text, #text, p{  
    color:rgb(222, 144, 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(222, 144, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 144, 210) }
```

Border

The CSS property to change the border of an element to Yxy 40.1293, 0.3277, 0.2542 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, 144, 210) }
```

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

```
.border{ border-color:rgb(222, 144, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 144, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 144, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 144, 210);  
box-shadow:4px 4px 4px 4px rgb(222, 144,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1293, 0.3277, 0.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 144, 210) }
```

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

```
.background{ background-color: rgb(222,  
144, 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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