

Converting Colors

$Y_{xy}(40.7107, 0.3273, 0.2704)$

Have a look what the booklet for
Yxy(40.7107, 0.3273, 0.2704)
contains.

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Color

Yxy(40.6464, 0.3279, 0.2701)

Conversions

Conversions Part 1

Format	Color
Hex	D697C9
RGB	214, 151, 201
RGB Percent	84%, 59%, 79%
CMY	0.1607, 0.4079, 0.2118
CMYK	0.00, 0.29, 0.06, 0.16
HSL	312°, 43%, 72%
HSV	312°, 29%, 84%
XYZ	49.3445, 40.6464, 60.4956
YIQ	175.5370, 21.4980, 28.9060

Conversions

Conversions Part 2

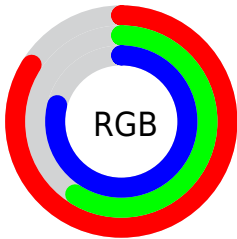
Format	Color
R_{YB}	214, 151, 201
Decimal	14063561
CIE _{Lab}	69.93, 31.48, -16.27
CIE _{LCh}	70, 35.434, 332.671
Yxy	40.6464, 0.3279, 0.2701
Android (android.graphics.Color)	4292253641 (0xFFD697C9)
YUV	175.5370, 12.5533, 33.7321
Hunter-Lab	63.7545, 26.5844, -11.6311

Details

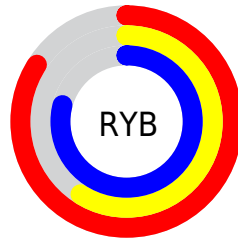
The Yxy color **40.6464, 0.3279, 0.2701** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.3656, 0.3005, 0.3962**, and the grayscale version is **43.0891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6226, 0.3150, 0.2811**, and **18.2994, 0.3309, 0.2541** is the 20% darker color. If you saturate the color by 10%, you get **34.1683, 0.3345, 0.2501**, and if you desaturate by 10%, it is **48.3846, 0.3220, 0.2905**.

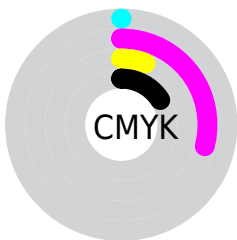
Distribution



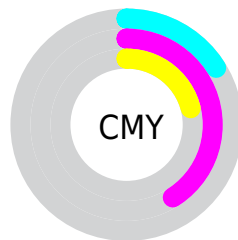
- Red (84%)
- Green (59%)
- Blue (79%)



- Red (84%)
- Yellow (59%)
- Blue (79%)



- Cyan (0%)
- Magenta (29%)
- Yellow (6%)
- Black (16%)




- Cyan (16%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6464, 0.3279, 0.2701 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 40.6464, 0.3279, 0.2701 by changing the saturation by 10% instead.


 40.6464, 0.3279,
0.2701


 40.6464, 0.3279,
0.2701


348.8406, 0.3208,
0.2987

 28.0429, 0.3295,
0.2632


 76.1468, 0.3254,
0.2803

 18.3580, 0.3315,
0.2545


 99.8125, 0.3245,
0.2842

 11.2073, 0.3341,
0.2432


127.9344, 0.3236,
0.2875

 6.2065, 0.3373,
0.2279

160.8969, 0.3229,
0.2904

 2.9710, 0.3416,
0.2063

199.0844, 0.3223,
0.2929

 1.1166, 0.3472,
0.1735

242.8812, 0.3217,


 0.0000, 0.4007,


0.2951


0.0000


292.6718, 0.3212,
0.2970


 0.0000, 0.0000,
0.0000

 40.6464, 0.3279,
0.2701

 40.6464, 0.3279,
0.2701


 34.1683, 0.3345,
0.2501


 48.3846, 0.3220,
0.2905


 28.8771, 0.3417,
0.2314

 57.4400, 0.3169,
0.3106


 24.7003, 0.3495,
0.2149

 67.8729, 0.3125,
0.3300

 21.5556, 0.3577,
0.2017

 79.7384, 0.3087,
0.3484

 19.3488, 0.3659,
0.1926

 91.1539, 0.3056,
0.3625

■ 17.9688, 0.3739,
0.1881

■ 91.3960, 0.3031,
0.3578

■ 17.2278, 0.3816,
0.1878

■ 91.6444, 0.3007,
0.3530

■ 17.1929, 0.3820,
0.1878

■ 91.8991, 0.2983,
0.3483

■ 92.1602, 0.2959,
0.3436

Harmonies

Analogous

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



40.6464, 0.2768, 0.2504



40.6464, 0.3279, 0.2701



40.6464, 0.3784, 0.3028

Triad

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



40.6464, 0.3279, 0.2701



40.6464, 0.3879, 0.4136



40.6464, 0.2235, 0.3025

Complementary

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



40.6464, 0.3279, 0.2701



57.3656, 0.3005, 0.3962

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.



40.6464, 0.2486, 0.3535



40.6464, 0.3279, 0.2701



40.6464, 0.3427, 0.4228

Square

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



40.6464, 0.3279, 0.2701



40.6464, 0.4138, 0.3827



40.6464, 0.2917, 0.4006



40.6464, 0.2202, 0.2651

Rectangle

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



40.6464, 0.3279, 0.2701



40.6464, 0.4030, 0.3290



40.6464, 0.2917, 0.4006



40.6464, 0.2295, 0.3186

Sweetspot

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



40.6482, 0.3279, 0.2701



85.9194, 0.3167, 0.3114



34.8384, 0.2714, 0.2460



17.9375, 0.3174, 0.3084



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.



40.6482, 0.3279, 0.2701



54.5293, 0.3317, 0.2582



39.3304, 0.3583, 0.3060



12.5866, 0.3169, 0.3107



10.4049, 0.3809, 0.1872



0.6389, 0.3686, 0.1804

Inverse Universe

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



40.6482, 0.3279, 0.2701



54.5293, 0.3317, 0.2582



58.6294, 0.2814, 0.3535



12.5866, 0.3169, 0.3107



10.4049, 0.3809, 0.1872



0.6389, 0.3686, 0.1804

Previews

White Background



This preview shows how the Yxy color 40.6464, 0.3279, 0.2701 looks on a white background.

Color Contrast Check

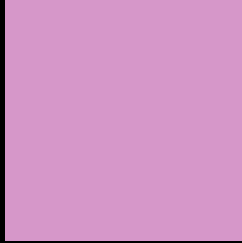
Large Text (above 18pt) WCAG AA × Fail

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 40.6464, 0.3279, 0.2701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

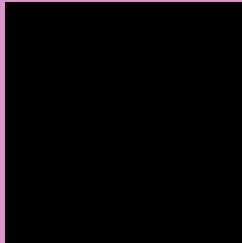
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6464, 0.3279, 0.2701

Background



This preview shows how black text looks on a background with the Yxy color 40.6464, 0.3279, 0.2701.



This preview shows how white text looks on a background with the Yxy color 40.6464, 0.3279, 0.2701.

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

40.6464, 0.3279, 0.2701

Protanopia

41.1816, 0.2715, 0.2713

Deuteranopia

40.8286, 0.2944, 0.2883



Tritanopia

40.6802, 0.3538, 0.3143

Trichromacy



Original Color

40.6464, 0.3279, 0.2701

Protanomaly

40.5011, 0.2899, 0.2704

Deuteranomaly

40.4321, 0.3059, 0.2808

Tritanomaly

40.6278, 0.3434, 0.2973

Monochromacy



Original Color

40.6464, 0.3279, 0.2701

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.0874, 0.3184, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6464, 0.3279, 0.2701 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(214, 151, 201)` looks like.

```
.text, #text, p{  
    color:rgb(214, 151, 201)  
}
```

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(214, 151, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 151, 201) }
```

Border

The CSS property to change the border of an element to Yxy 40.6464, 0.3279, 0.2701 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(214, 151, 201) }
```

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

```
.border{ border-color:rgb(214, 151, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 151, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 151, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 151, 201);  
box-shadow:4px 4px 4px 4px rgb(214, 151,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6464, 0.3279, 0.2701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 151, 201) }
```

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

```
.background{ background-color: rgb(214,  
151, 201) }
```

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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