

Converting Colors

$Yxy(40.9438, 0.3349, 0.2997)$

Have a look what the booklet for
Yxy(40.9438, 0.3349, 0.2997)
contains.

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Color

Yxy(41.0110, 0.3351, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	CC9FB6
RGB	204, 159, 182
RGB Percent	80%, 62%, 71%
CMY	0.1999, 0.3765, 0.2863
CMYK	0.00, 0.22, 0.11, 0.20
HSL	329°, 31%, 71%
HSV	329°, 22%, 80%
XYZ	45.7483, 41.0110, 49.7620
YIQ	175.0770, 19.4370, 16.6930

Conversions

Conversions Part 2

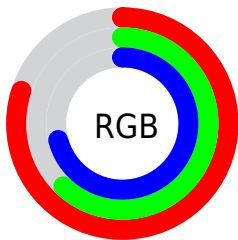
Format	Color
RYB	204, 159, 182
Decimal	13410230
CIELab	70.18, 20.36, -5.46
CIELCh	70, 21.085, 344.985
Yxy	41.0110, 0.3351, 0.3004
Android (android.graphics.Color)	4291600310 (0xFFCC9FB6)
YUV	175.0770, 3.4130, 25.3655
Hunter-Lab	64.0398, 15.4458, -1.2433

Details

The Yxy color $41.0110, 0.3351, 0.3004$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $53.9042, 0.2950, 0.3595$, and the grayscale version is $42.8879, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.5262, 0.3262, 0.3052$, and $18.4899, 0.3414, 0.2921$ is the 20% darker color. If you saturate the color by 10%, you get $34.1678, 0.3486, 0.2868$, and if you desaturate by 10%, it is $49.0454, 0.3238, 0.3137$.

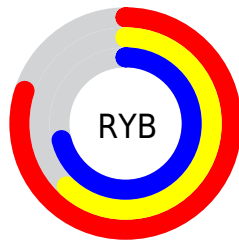
Distribution



Red (80%)

Green (62%)

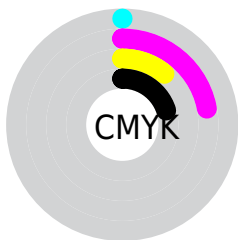
Blue (71%)



Red (80%)

Yellow (62%)

Blue (71%)

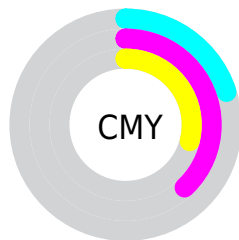


Cyan (0%)

Magenta (22%)

Yellow (11%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0110, 0.3351, 0.3004 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 41.0110, 0.3351, 0.3004 by changing the saturation by 10% instead.

 41.0110, 0.3351,
0.3004

 41.0110, 0.3351,
0.3004


350.3666, 0.3238,
0.3147

 28.3277, 0.3379,
0.2968


 76.7006, 0.3310,
0.3056

 18.5728, 0.3416,
0.2923


 100.4757, 0.3294,
0.3075

 11.3620, 0.3465,
0.2862


128.7168, 0.3281,
0.3092

 6.3109, 0.3535,
0.2776

161.8083, 0.3270,
0.3106

 3.0350, 0.3639,
0.2650

200.1346, 0.3261,
0.3118

 1.1500, 0.3816,
0.2441

244.0802, 0.3252,

 0.0203, 0.5489,

0.3129

0.0216

294.0294, 0.3245,
0.3139

0.0000, 0.0000,
0.0000

41.0110, 0.3351,
0.3004

41.0110, 0.3351,
0.3004

34.1678, 0.3486,
0.2868

49.0454, 0.3238,
0.3137

28.4528, 0.3645,
0.2734

58.3189, 0.3144,
0.3265

23.8058, 0.3829,
0.2610

68.8835, 0.3067,
0.3384

20.1584, 0.4037,
0.2506

80.7867, 0.3003,
0.3494

17.4345, 0.4266,
0.2435

90.1807, 0.2949,
0.3535

■ 15.5465, 0.4505,
0.2408

■ 90.7635, 0.2895,
0.3427

■ 14.3901, 0.4743,
0.2435

■ 91.3791, 0.2843,
0.3322

■ 13.8453, 0.4927,
0.2488

■ 91.5807, 0.2827,
0.3289

Harmonies

Analogous

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



41.0110, 0.3038, 0.2841



41.0110, 0.3351, 0.3004



41.0110, 0.3611, 0.3237

Triad

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



41.0110, 0.3351, 0.3004



41.0110, 0.3485, 0.3833



41.0110, 0.2554, 0.3039

Complementary

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



41.0110, 0.3351, 0.3004



53.9042, 0.2950, 0.3595

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.



41.0110, 0.2661, 0.3316



41.0110, 0.3351, 0.3004



41.0110, 0.3192, 0.3797

Square

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



41.0110, 0.3351, 0.3004



41.0110, 0.3688, 0.3714



41.0110, 0.2891, 0.3603



41.0110, 0.2590, 0.2849

Rectangle

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



41.0110, 0.3351, 0.3004



41.0110, 0.3713, 0.3409



41.0110, 0.2891, 0.3603



41.0110, 0.2574, 0.3124

Sweetspot

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



41.0128, 0.3351, 0.3004



88.5857, 0.3189, 0.3202



38.9500, 0.2944, 0.2711



18.7610, 0.3195, 0.3194



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.



41.0128, 0.3351, 0.3004



62.8312, 0.3406, 0.2946



40.1645, 0.3565, 0.3282



11.3078, 0.3211, 0.3172



8.7310, 0.4896, 0.2471



0.4657, 0.4479, 0.2241

Inverse Universe

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



41.0128, 0.3351, 0.3004



62.8312, 0.3406, 0.2946



54.8922, 0.2807, 0.3299



11.3078, 0.3211, 0.3172



8.7310, 0.4896, 0.2471



0.4657, 0.4479, 0.2241

Previews

White Background



This preview shows how the Yxy color 41.0110, 0.3351, 0.3004 looks on a white background.

Color Contrast Check

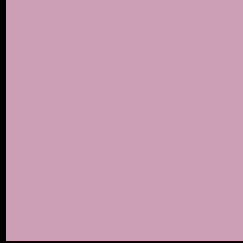
Large Text (above 18pt) WCAG AA × Fail

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 41.0110, 0.3351, 0.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

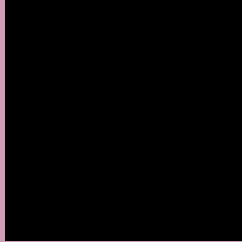
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0110, 0.3351, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 41.0110, 0.3351, 0.3004.



This preview shows how white text looks on a background with the Yxy color 41.0110, 0.3351, 0.3004.

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

41.0110, 0.3351, 0.3004

Protanopia

41.3460, 0.2972, 0.3048

Deuteranopia

41.2879, 0.3172, 0.3106



Tritanopia

41.2034, 0.3422, 0.3140

Trichromacy



Original Color

41.0110, 0.3351, 0.3004

Protanomaly

41.1277, 0.3103, 0.3040

Deuteranomaly

41.0936, 0.3240, 0.3071

Tritanomaly

40.9727, 0.3396, 0.3090

Monochromacy



Original Color

41.0110, 0.3351, 0.3004

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.0294, 0.3206, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0110, 0.3351, 0.3004 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(204, 159, 182)` looks like.

```
.text, #text, p{  
    color:rgb(204, 159, 182)  
}
```

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(204, 159, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 159, 182) }
```

Border

The CSS property to change the border of an element to Yxy 41.0110, 0.3351, 0.3004 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(204, 159, 182) }
```

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

```
.border{ border-color:rgb(204, 159, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 159, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 159, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 159, 182);  
box-shadow:4px 4px 4px 4px rgb(204, 159,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0110, 0.3351, 0.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 159, 182) }
```

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

```
.background{ background-color: rgb(204,  
159, 182) }
```

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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