

Converting Colors

$Yxy(40.7494, 0.3574, 0.3048)$

Have a look what the booklet for
Yxy(40.7494, 0.3574, 0.3048)
contains.

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Color

Yxy(40.5902, 0.3566, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	D999AE
RGB	217, 153, 174
RGB Percent	85%, 60%, 68%
CMY	0.1491, 0.4000, 0.3176
CMYK	0.00, 0.29, 0.20, 0.15
HSL	340°, 46%, 73%
HSV	340°, 29%, 85%
XYZ	47.6447, 40.5902, 45.3734
YIQ	174.5300, 31.4030, 20.0990

Conversions

Conversions Part 2

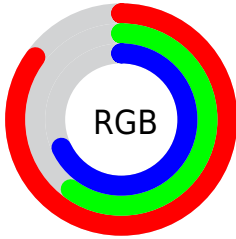
Format	Color
R _Y B	217, 153, 174
Decimal	14260654
CIE Lab	69.89, 26.98, -1.30
CIE LCh	70, 27.013, 357.234
Yxy	40.5902, 0.3566, 0.3038
Android (android.graphics.Color)	4292450734 (0xFFD999AE)
YUV	174.5300, -0.2613, 37.2462
Hunter-Lab	63.7104, 21.9948, 2.3721

Details

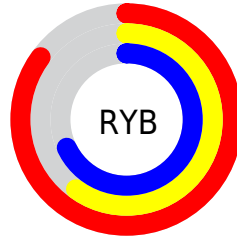
The Yxy color **40.5902, 0.3566, 0.3038** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.3781, 0.2824, 0.3559**, and the grayscale version is **42.6048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0289, 0.3332, 0.3080**, and **18.2896, 0.3694, 0.2955** is the 20% darker color. If you saturate the color by 10%, you get **33.5846, 0.3782, 0.2950**, and if you desaturate by 10%, it is **48.9528, 0.3387, 0.3127**.

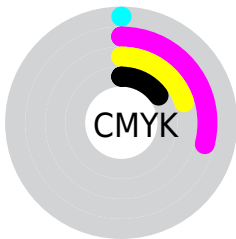
Distribution



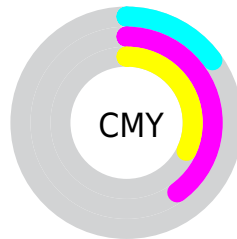
- Red (85%)
- Green (60%)
- Blue (68%)



- Red (85%)
- Yellow (60%)
- Blue (68%)



- Cyan (0%)
- Magenta (29%)
- Yellow (20%)
- Black (15%)




- Cyan (15%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5902, 0.3566, 0.3038 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 40.5902, 0.3566, 0.3038 by changing the saturation by 10% instead.


 40.5902, 0.3566,
0.3038


 40.5902, 0.3566,
0.3038


348.6049, 0.3342,
0.3166

 27.9990, 0.3623,
0.3005


 76.0614, 0.3484,
0.3085

 18.3249, 0.3698,
0.2963


 99.7102, 0.3453,
0.3102

 11.1835, 0.3799,
0.2906


127.8137, 0.3427,
0.3117

 6.1904, 0.3942,
0.2826

160.7563, 0.3405,
0.3130

 2.9612, 0.4163,
0.2704

198.9223, 0.3386,
0.3141

 1.1115, 0.4542,
0.2496

242.6961, 0.3370,

 0.0000, 0.8929,

0.3150

0.0000

292.4622, 0.3355,
0.3159

0.0000, 0.0000,
0.0000

40.5902, 0.3566,
0.3038

40.5902, 0.3566,
0.3038

33.5846, 0.3782,
0.2950

48.9528, 0.3387,
0.3127

27.8583, 0.4040,
0.2868

58.7335, 0.3241,
0.3213

23.3345, 0.4339,
0.2801

69.9963, 0.3122,
0.3294

19.9257, 0.4673,
0.2762

82.7997, 0.3024,
0.3369

17.5322, 0.5024,
0.2762

92.9787, 0.2943,
0.3372

■ 16.0364, 0.5366,
0.2811

■ 93.4900, 0.2900,
0.3289

■ 15.2419, 0.5671,
0.2901

■ 15.2079, 0.5686,
0.2906

Harmonies

Analogous

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



40.5902, 0.3174, 0.2793



40.5902, 0.3566, 0.3038



40.5902, 0.3844, 0.3349

Triad

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



40.5902, 0.3566, 0.3038



40.5902, 0.3435, 0.4002



40.5902, 0.2398, 0.2847

Complementary

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



40.5902, 0.3566, 0.3038



60.3781, 0.2824, 0.3559

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.



40.5902, 0.2458, 0.3162



40.5902, 0.3566, 0.3038



40.5902, 0.3043, 0.3871

Square

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



40.5902, 0.3566, 0.3038



40.5902, 0.3758, 0.3912



40.5902, 0.2688, 0.3549



40.5902, 0.2515, 0.2674

Rectangle

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



40.5902, 0.3566, 0.3038



40.5902, 0.3916, 0.3564



40.5902, 0.2688, 0.3549



40.5902, 0.2398, 0.2938

Sweetspot

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



40.5921, 0.3566, 0.3038



85.2679, 0.3236, 0.3216



39.4854, 0.2970, 0.2517



17.7769, 0.3255, 0.3204



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.



40.5921, 0.3566, 0.3038



52.3839, 0.3687, 0.2986



43.4842, 0.3744, 0.3422



13.1217, 0.3240, 0.3214



9.2245, 0.5648, 0.2885



0.6132, 0.5186, 0.2630

Inverse Universe

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



40.5921, 0.3566, 0.3038



52.3839, 0.3687, 0.2986



56.0820, 0.2689, 0.3154



13.1217, 0.3240, 0.3214



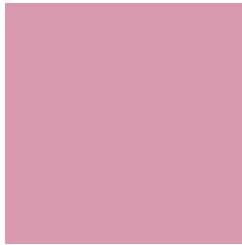
9.2245, 0.5648, 0.2885



0.6132, 0.5186, 0.2630

Previews

White Background



This preview shows how the Yxy color 40.5902, 0.3566, 0.3038 looks on a white background.

Color Contrast Check

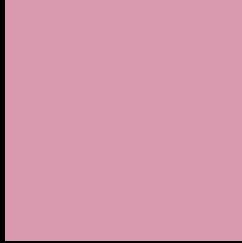
Large Text (above 18pt) WCAG AA × Fail

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 40.5902, 0.3566, 0.3038 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 40.5902, 0.3566, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 40.5902, 0.3566, 0.3038.



This preview shows how white text looks on a background with the Yxy color 40.5902, 0.3566, 0.3038.

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

40.5902, 0.3566, 0.3038

Protanopia

40.7562, 0.3012, 0.3100

Deuteranopia

40.8158, 0.3271, 0.3211



Tritanopia

40.4633, 0.3635, 0.3145

Trichromacy



Original Color

40.5902, 0.3566, 0.3038

Protanomaly

40.4110, 0.3202, 0.3080

Deuteranomaly

40.5126, 0.3374, 0.3137

Tritanomaly

40.5747, 0.3604, 0.3109

Monochromacy



Original Color

40.5902, 0.3566, 0.3038

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.6797, 0.3271, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5902, 0.3566, 0.3038 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(217, 153, 174)` looks like.

```
.text, #text, p{  
    color:rgb(217, 153, 174)  
}
```

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(217, 153, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 153, 174) }
```

Border

The CSS property to change the border of an element to Yxy 40.5902, 0.3566, 0.3038 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(217, 153, 174) }
```

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

```
.border{ border-color:rgb(217, 153, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 153, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 153, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 153, 174);  
box-shadow:4px 4px 4px 4px rgb(217, 153,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5902, 0.3566, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 153, 174) }
```

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

```
.background{ background-color: rgb(217,  
153, 174) }
```

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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