

Converting Colors

$Y_{xy}(41.3425, 0.3782, 0.3270)$

Have a look what the booklet for
Yxy(41.3425, 0.3782, 0.3270)
contains.

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Color

Yxy(41.4066, 0.3783, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	DE9B9D
RGB	222, 155, 157
RGB Percent	87%, 61%, 62%
CMY	0.1294, 0.3921, 0.3843
CMYK	0.00, 0.30, 0.29, 0.13
HSL	358°, 50%, 74%
HSV	358°, 30%, 87%
XYZ	47.9318, 41.4066, 37.3648
YIQ	175.2610, 39.2900, 14.8260

Conversions

Conversions Part 2

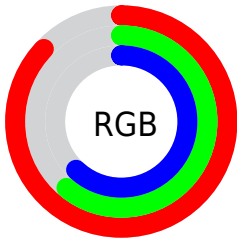
Format	Color
R _{YB}	222, 155, 157
Decimal	14588829
CIE Lab	70.46, 25.31, 9.05
CIE LCh	70, 26.880, 19.667
Yxy	41.4066, 0.3783, 0.3268
Android (android.graphics.Color)	4292778909 (0xFFDE9B9D)
YUV	175.2610, -9.0027, 40.9901
Hunter-Lab	64.3480, 20.3530, 10.6158

Details

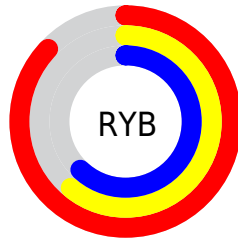
The Yxy color **41.4066, 0.3783, 0.3268** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.3802, 0.2705, 0.3313**, and the grayscale version is **43.0454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0563, 0.3462, 0.3281**, and **18.7404, 0.3977, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **34.0139, 0.4112, 0.3261**, and if you desaturate by 10%, it is **50.2913, 0.3516, 0.3276**.

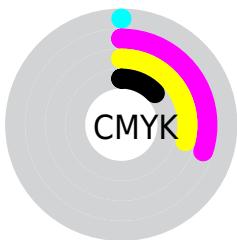
Distribution



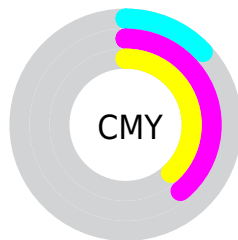
- Red (87%)
- Green (61%)
- Blue (62%)



- Red (87%)
- Yellow (61%)
- Blue (62%)



- Cyan (0%)
- Magenta (30%)
- Yellow (29%)
- Black (13%)




- Cyan (13%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4066, 0.3783, 0.3268 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 41.4066, 0.3783, 0.3268 by changing the saturation by 10% instead.

 41.4066, 0.3783,
0.3268


 41.4066, 0.3783,
0.3268

352.0171, 0.3446,
0.3286

 28.6369, 0.3870,
0.3261


 77.3007, 0.3658,
0.3276

 18.8063, 0.3983,
0.3251


 101.1940, 0.3612,
0.3279

 11.5304, 0.4137,
0.3235


129.5639, 0.3573,
0.3281

 6.4248, 0.4356,
0.3207

162.7949, 0.3540,
0.3282

 3.1051, 0.4692,
0.3154

201.2713, 0.3512,
0.3284

 1.1868, 0.5314,
0.3064

245.3775, 0.3487,

 0.0509, 0.9290,

0.3285


0.0710

295.4980, 0.3465,
0.3285


 0.0000, 0.0000,
0.0000

 41.4066, 0.3783,
0.3268

 41.4066, 0.3783,
0.3268


 34.0139, 0.4112,
0.3261


 50.2913, 0.3516,
0.3276

 28.0258, 0.4507,
0.3256


 60.7372, 0.3301,
0.3283


 23.3554, 0.4958,
0.3253

 72.8164, 0.3130,
0.3290

 19.9032, 0.5432,
0.3255

 86.5947, 0.2993,
0.3296

 17.5559, 0.5870,
0.3263

 94.2699, 0.2929,
0.3289

■ 16.1790, 0.6199,
0.3276

■ 15.5444, 0.6376,
0.3286

Harmonies

Analogous

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



41.4066, 0.3469, 0.2971



41.4066, 0.3783, 0.3268



41.4066, 0.3908, 0.3586

Triad

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



41.4066, 0.3783, 0.3268



41.4066, 0.3143, 0.3918



41.4066, 0.2476, 0.2709

Complementary

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



41.4066, 0.3783, 0.3268



64.3802, 0.2705, 0.3313

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.



41.4066, 0.2404, 0.2919



41.4066, 0.3783, 0.3268



41.4066, 0.2773, 0.3638

Square

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



41.4066, 0.3783, 0.3268



41.4066, 0.3523, 0.3991



41.4066, 0.2508, 0.3258



41.4066, 0.2713, 0.2656

Rectangle

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



41.4066, 0.3783, 0.3268



41.4066, 0.3866, 0.3776



41.4066, 0.2508, 0.3258



41.4066, 0.2433, 0.2762

Sweetspot

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



41.4086, 0.3783, 0.3268



84.8694, 0.3280, 0.3284



43.8979, 0.3142, 0.2538



17.6795, 0.3308, 0.3283



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.



41.4086, 0.3783, 0.3268



50.2763, 0.3976, 0.3264



53.1284, 0.3695, 0.3658



13.7071, 0.3287, 0.3283



9.2358, 0.6367, 0.3281



0.6425, 0.6271, 0.3228

Inverse Universe

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



41.4086, 0.3783, 0.3268



50.2763, 0.3976, 0.3264



49.3899, 0.2649, 0.2890



13.7071, 0.3287, 0.3283



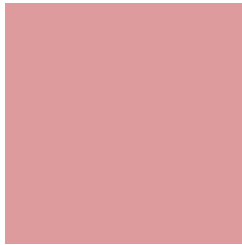
9.2358, 0.6367, 0.3281



0.6425, 0.6271, 0.3228

Previews

White Background



This preview shows how the Yxy color 41.4066, 0.3783, 0.3268 looks on a white background.

Color Contrast Check

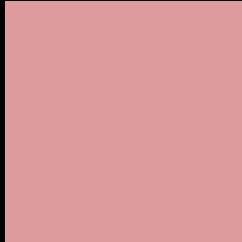
Large Text (above 18pt) WCAG AA × Fail

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 41.4066, 0.3783, 0.3268 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 41.4066, 0.3783, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 41.4066, 0.3783, 0.3268.



This preview shows how white text looks on a background with the Yxy color 41.4066, 0.3783, 0.3268.

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

41.4066, 0.3783, 0.3268

Protanopia

41.6053, 0.3223, 0.3372

Deuteranopia

41.3748, 0.3513, 0.3435



Tritanopia

41.5158, 0.3714, 0.3161

Trichromacy



Original Color

41.4066, 0.3783, 0.3268

Protanomaly

41.2542, 0.3410, 0.3330

Deuteranomaly

41.2201, 0.3603, 0.3368

Tritanomaly

41.4078, 0.3745, 0.3197

Monochromacy



Original Color

41.4066, 0.3783, 0.3268

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.0389, 0.3351, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4066, 0.3783, 0.3268 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, 155, 157)` looks like.

```
.text, #text, p{  
    color:rgb(222, 155, 157)  
}
```

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, 155, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 155, 157) }
```

Border

The CSS property to change the border of an element to Yxy 41.4066, 0.3783, 0.3268 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, 155, 157) }
```

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

```
.border{ border-color:rgb(222, 155, 157) }
```

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

Here you see how a box with a 4 pixel rgb(222, 155, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 155, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 155, 157);  
box-shadow:4px 4px 4px 4px rgb(222, 155,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4066, 0.3783, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 155, 157) }
```

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

```
.background{ background-color: rgb(222,  
155, 157) }
```

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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