

Converting Colors

$Yxy(40.2397, 0.3055, 0.4252)$

Have a look what the booklet for
Yxy(40.2397, 0.3055, 0.4252)
contains.

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Color

Yxy(40.2435, 0.3052, 0.4244)

Conversions

Conversions Part 1

Format	Color
Hex	79B97D
RGB	121, 185, 125
RGB Percent	47%, 73%, 49%
CMY	0.5253, 0.2745, 0.5098
CMYK	0.35, 0.00, 0.32, 0.27
HSL	124°, 31%, 60%
HSV	124°, 35%, 73%
XYZ	28.9404, 40.2435, 25.6405
YIQ	159.0240, -18.8840, -32.2280

Conversions

Conversions Part 2

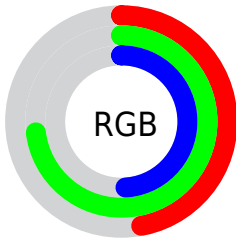
Format	Color
RYB	121, 181, 185
Decimal	7977341
CIELab	69.64, -32.77, 24.15
CIELCh	70, 40.712, 143.609
Yxy	40.2435, 0.3052, 0.4244
Android (android.graphics.Color)	4286167421 (0xFF79B97D)
YUV	159.0240, -16.7738, -33.3470
Hunter-Lab	63.4378, -29.5841, 20.4424

Details

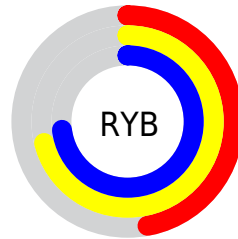
The Yxy color **40.2435, 0.3052, 0.4244** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **27.3395, 0.3208, 0.2492**, and the grayscale version is **34.7723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2389, 0.3073, 0.4044**, and **18.0058, 0.3009, 0.4575** is the 20% darker color. If you saturate the color by 10%, you get **38.6281, 0.3031, 0.4577**, and if you desaturate by 10%, it is **42.1962, 0.3074, 0.3932**.

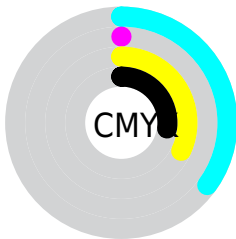
Distribution



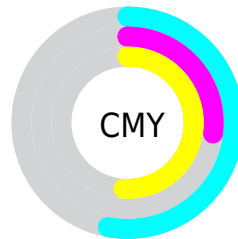
- Red (47%)
- Green (73%)
- Blue (49%)



- Red (47%)
- Yellow (71%)
- Blue (73%)



- Cyan (35%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)



- Cyan (53%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.2435, 0.3052, 0.4244 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 40.2435, 0.3052, 0.4244 by changing the saturation by 10% instead.


 40.2435, 0.3052,
0.4244


 40.2435, 0.3052,
0.4244


347.1488, 0.3105,
0.3730

 27.7284, 0.3033,
0.4385


 75.5342, 0.3075,
0.4048

 18.1211, 0.3004,
0.4573


 99.0786, 0.3083,
0.3977

 11.0369, 0.2958,
0.4836


 127.0682, 0.3089,
0.3919

 6.0917, 0.2877,
0.5228

159.8875, 0.3093,
0.3869

 2.9009, 0.2727,
0.5893

197.9208, 0.3097,
0.3827

 1.0802, 0.1657,
0.8343

241.5525, 0.3100,

 0.0000, 0.0000,

0.3790

0.0000

291.1671, 0.3102,
0.3758

■ 40.2435, 0.3052,
0.4244

■ 40.2435, 0.3052,
0.4244

■ 38.6281, 0.3031,
0.4577

■ 42.1962, 0.3074,
0.3932

■ 37.3261, 0.3012,
0.4916

■ 44.4983, 0.3097,
0.3647

■ 36.3187, 0.2997,
0.5242


■ 47.1676, 0.3118,
0.3395

■ 35.5829, 0.2988,
0.5530

■ 50.2193, 0.3138,
0.3174


■ 35.0920, 0.2985,
0.5757


■ 53.6674, 0.3156,
0.2982

 34.8145, 0.2989,
0.5909

 57.5257, 0.3173,
0.2816

 34.7212, 0.2989,
0.5961

 61.8068, 0.3188,
0.2674

 63.1761, 0.3159,
0.2604

Harmonies

Analogous

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



40.2435, 0.3633, 0.4377



40.2435, 0.3052, 0.4244



40.2435, 0.2520, 0.3756

Triad

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



40.2435, 0.3052, 0.4244



40.2435, 0.2198, 0.2400



40.2435, 0.4180, 0.3295

Complementary

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



40.2435, 0.3052, 0.4244



27.3395, 0.3208, 0.2492

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.



40.2435, 0.3720, 0.2865



40.2435, 0.3052, 0.4244



40.2435, 0.2563, 0.2368

Square

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



40.2435, 0.3052, 0.4244



40.2435, 0.2062, 0.2658



40.2435, 0.3112, 0.2537



40.2435, 0.4318, 0.3756

Rectangle

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



40.2435, 0.3052, 0.4244



40.2435, 0.2261, 0.3343



40.2435, 0.3112, 0.2537



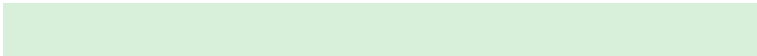
40.2435, 0.4056, 0.3144

Sweetspot

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



40.2452, 0.3052, 0.4244



81.7220, 0.3106, 0.3532



45.9984, 0.3610, 0.4147



17.4766, 0.3103, 0.3568



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.2452, 0.3052, 0.4244



69.9651, 0.3037, 0.4479



41.1726, 0.2835, 0.3733



10.0688, 0.3108, 0.3511



23.6472, 0.2987, 0.5952



0.8367, 0.2935, 0.5765

Inverse Universe

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



27.3395, 0.3208, 0.2492



43.5678, 0.3227, 0.2335



26.1974, 0.3567, 0.2889



9.1529, 0.3147, 0.3078



9.0975, 0.3368, 0.1629



0.3236, 0.3323, 0.1604

Previews

White Background



This preview shows how the Yxy color 40.2435, 0.3052, 0.4244 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 40.2435, 0.3052, 0.4244 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 40.2435, 0.3052, 0.4244

Background



This preview shows how black text looks on a background with the Yxy color 40.2435, 0.3052, 0.4244.



This preview shows how white text looks on a background with the Yxy color 40.2435, 0.3052, 0.4244.

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

40.2435, 0.3052, 0.4244

Protanopia

39.7512, 0.3713, 0.3991

Deuteranopia

39.5945, 0.3795, 0.3710



Tritanopia

40.2742, 0.2680, 0.3087

Trichromacy



Original Color

40.2435, 0.3052, 0.4244

Protanomaly

39.5140, 0.3439, 0.4084

Deuteranomaly

38.9659, 0.3502, 0.3892

Tritanomaly

40.0997, 0.2812, 0.3486

Monochromacy



Original Color

40.2435, 0.3052, 0.4244

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

36.1316, 0.3094, 0.3612

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2435, 0.3052, 0.4244 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(121, 185, 125)` looks like.

```
.text, #text, p{  
    color:rgb(121, 185, 125)  
}
```

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(121, 185, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 185, 125) }
```

Border

The CSS property to change the border of an element to Yxy 40.2435, 0.3052, 0.4244 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(121, 185, 125) }
```

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

```
.border{ border-color:rgb(121, 185, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 185, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 185, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 185, 125);  
box-shadow:4px 4px 4px 4px rgb(121, 185,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2435, 0.3052, 0.4244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 185, 125) }
```

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

```
.background{ background-color: rgb(121,  
185, 125) }
```

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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