

Converting Colors

$Yxy(52.5374, 0.3861, 0.3424)$

Have a look what the booklet for
Yxy(52.5374, 0.3861, 0.3424)
contains.

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Color

Yxy(52.5374, 0.3861, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	F4AFA3
RGB	244, 175, 163
RGB Percent	96%, 69%, 64%
CMY	0.0432, 0.3137, 0.3609
CMYK	0.00, 0.28, 0.33, 0.04
HSL	9°, 79%, 80%
HSV	9°, 33%, 96%
XYZ	59.2427, 52.5374, 41.6586
YIQ	194.2630, 44.9760, 10.8960

Conversions

Conversions Part 2

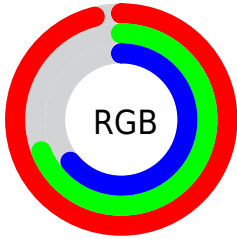
Format	Color
R _Y B	244, 177, 163
Decimal	16035747
CIE Lab	77.60, 23.65, 16.19
CIE LCh	78, 28.662, 34.388
Yxy	52.5374, 0.3861, 0.3424
Android (android.graphics.Color)	4294225827 (0xFFFF4AFA3)
YUV	194.2630, -15.4127, 43.6193
Hunter-Lab	72.4827, 19.0497, 16.6616

Details

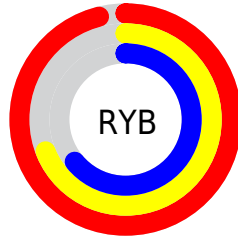
The Yxy color **52.5374, 0.3861, 0.3424** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71.9968, 0.2637, 0.3150**, and the grayscale version is **54.1861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4738, 0.3379, 0.3421**, and **25.5059, 0.4067, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **44.2736, 0.4189, 0.3465**, and if you desaturate by 10%, it is **62.2187, 0.3588, 0.3382**.

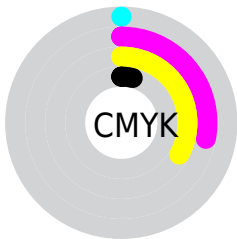
Distribution



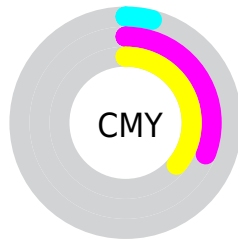
- Red (96%)
- Green (69%)
- Blue (64%)



- Red (96%)
- Yellow (69%)
- Blue (64%)



- Cyan (0%)
- Magenta (28%)
- Yellow (33%)
- Black (4%)




- Cyan (4%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5374, 0.3861, 0.3424 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 52.5374, 0.3861, 0.3424 by changing the saturation by 10% instead.


 52.5374, 0.3861,
0.3424

 52.5374, 0.3861,
0.3424


396.5078, 0.3498,
0.3369

 37.4336, 0.3950,
0.3434


 93.9233, 0.3730,
0.3407

 25.5434, 0.4063,
0.3446


 120.9742, 0.3681,
0.3399

 16.4824, 0.4212,
0.3457


152.7763, 0.3639,
0.3393

 9.8661, 0.4415,
0.3467

189.7139, 0.3602,
0.3387

 5.3103, 0.4706,
0.3469

232.1715, 0.3571,
0.3382

 2.4304, 0.5153,
0.3444

280.5334, 0.3544,

 0.8415, 0.6404,

0.3377

0.3596

335.1840, 0.3519,
0.3373

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5374, 0.3861,
0.3424

52.5374, 0.3861,
0.3424

44.2736, 0.4189,
0.3465

62.2187, 0.3588,
0.3382

37.3534, 0.4571,
0.3499

73.3721, 0.3363,
0.3341

31.7076, 0.4996,
0.3520

86.0583, 0.3179,
0.3302

27.2575, 0.5434,
0.3519

97.9697, 0.3060,
0.3290

■ 23.9159, 0.5835,
0.3492

■ 21.5829, 0.6141,
0.3437

■ 20.5070, 0.6281,
0.3395

Harmonies

Analogous

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



52.5374, 0.3633, 0.3113



52.5374, 0.3861, 0.3424



52.5374, 0.3875, 0.3723

Triad

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



52.5374, 0.3861, 0.3424



52.5374, 0.2956, 0.3794



52.5374, 0.2582, 0.2673

Complementary

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



52.5374, 0.3861, 0.3424



71.9968, 0.2637, 0.3150

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.



52.5374, 0.2427, 0.2804



52.5374, 0.3861, 0.3424



52.5374, 0.2633, 0.3453

Square

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



52.5374, 0.3861, 0.3424



52.5374, 0.3339, 0.3972



52.5374, 0.2445, 0.3083



52.5374, 0.2882, 0.2695

Rectangle

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



52.5374, 0.3861, 0.3424



52.5374, 0.3764, 0.3879



52.5374, 0.2445, 0.3083



52.5374, 0.2512, 0.2699

Sweetspot

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



52.5399, 0.3861, 0.3424



85.3869, 0.3300, 0.3328



51.3106, 0.3254, 0.2564



17.8666, 0.3327, 0.3334



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.



52.5399, 0.3861, 0.3424



51.6233, 0.4081, 0.3452



70.1088, 0.3723, 0.3837



16.8798, 0.3290, 0.3326



11.2725, 0.6261, 0.3411



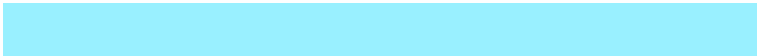
1.1083, 0.6055, 0.3574

Inverse Universe

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



71.9968, 0.2637, 0.3150



76.2199, 0.2547, 0.3117



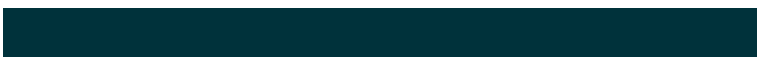
52.3137, 0.2576, 0.2672



18.3135, 0.2980, 0.3254



28.1720, 0.2114, 0.2811



2.5878, 0.2133, 0.2877

Previews

White Background



This preview shows how the Yxy color 52.5374, 0.3861, 0.3424 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 52.5374, 0.3861, 0.3424 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 52.5374, 0.3861, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 52.5374, 0.3861, 0.3424.



This preview shows how white text looks on a background with the Yxy color 52.5374, 0.3861, 0.3424.

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

52.5374, 0.3861, 0.3424

Protanopia

52.9189, 0.3356, 0.3551

Deuteranopia

52.8007, 0.3648, 0.3573



Tritanopia

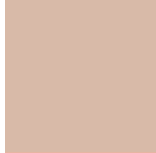
52.6007, 0.3685, 0.3151

Trichromacy



Original Color

52.5374, 0.3861, 0.3424



Protanomaly

52.5439, 0.3532, 0.3506



Deuteranomaly

52.4794, 0.3723, 0.3509



Tritanomaly

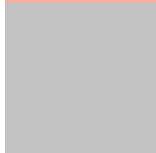
52.4739, 0.3747, 0.3248

Monochromacy



Original Color

52.5374, 0.3861, 0.3424



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.9566, 0.3371, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5374, 0.3861, 0.3424 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(244, 175, 163)` looks like.

```
.text, #text, p{  
    color:rgb(244, 175, 163)  
}
```

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(244, 175, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 175, 163) }
```

Border

The CSS property to change the border of an element to Yxy 52.5374, 0.3861, 0.3424 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(244, 175, 163) }
```

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

```
.border{ border-color:rgb(244, 175, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 175, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 175, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 175, 163);  
box-shadow:4px 4px 4px 4px rgb(244, 175,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5374, 0.3861, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 175, 163) }
```

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

```
.background{ background-color: rgb(244,  
175, 163) }
```

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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