

Converting Colors

$Y_{xy}(51.1010, 0.4026, 0.3421)$

Have a look what the booklet for
Yxy(51.1010, 0.4026, 0.3421)
contains.

Yxy(51.1010, 0.4026, 0.3421)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.1010, 0.4026, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	FCA89C
RGB	252, 168, 156
RGB Percent	99%, 66%, 61%
CMY	0.0119, 0.3411, 0.3883
CMYK	0.00, 0.33, 0.38, 0.01
HSL	8°, 94%, 80%
HSV	8°, 38%, 99%
XYZ	60.1382, 51.1010, 38.1353
YIQ	191.7480, 53.9160, 14.0760

Conversions

Conversions Part 2

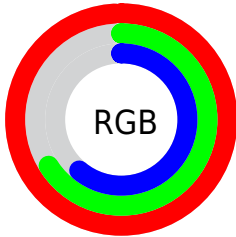
Format	Color
R _Y B	252, 170, 156
Decimal	16558236
CIE Lab	76.74, 29.50, 18.92
CIE LCh	77, 35.049, 32.668
Yxy	51.1010, 0.4026, 0.3421
Android (android.graphics.Color)	4294748316 (0xFFFC A89C)
YUV	191.7480, -17.6238, 52.8410
Hunter-Lab	71.4850, 25.0680, 18.4099

Details

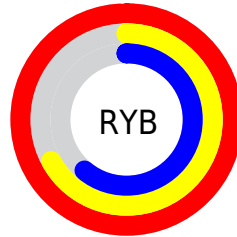
The Yxy color **51.1010, 0.4026, 0.3421** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.3651, 0.2576, 0.3152**, and the grayscale version is **52.6394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2745, 0.3438, 0.3422**, and **24.6188, 0.4272, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **42.8771, 0.4389, 0.3453**, and if you desaturate by 10%, it is **60.8854, 0.3721, 0.3386**.

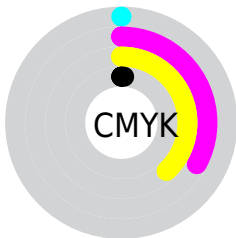
Distribution



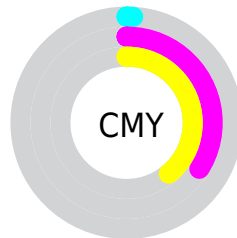
- Red (99%)
- Green (66%)
- Blue (61%)



- Red (99%)
- Yellow (67%)
- Blue (61%)



- Cyan (0%)
- Magenta (33%)
- Yellow (38%)
- Black (1%)





- Cyan (1%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1010, 0.4026, 0.3421 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 51.1010, 0.4026, 0.3421 by changing the saturation by 10% instead.

 51.1010, 0.4026,
0.3421


 51.1010, 0.4026,
0.3421


390.9561, 0.3579,
0.3372

 36.2890, 0.4136,
0.3428


 91.8041, 0.3865,
0.3407

 24.6575, 0.4276,
0.3435


 118.4639, 0.3804,
0.3401

 15.8220, 0.4459,
0.3438


149.8418, 0.3752,
0.3395

 9.3983, 0.4708,
0.3435

186.3221, 0.3708,
0.3389

 5.0019, 0.5063,
0.3411

228.2894, 0.3669,
0.3384

 2.2484, 0.5620,
0.3345

276.1278, 0.3635,

 0.7462, 0.6788,

0.3380

0.3212

330.2219, 0.3605,
0.3376

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.1010, 0.4026,
0.3421

51.1010, 0.4026,
0.3421

42.8771, 0.4389,
0.3453

60.8854, 0.3721,
0.3386

36.1258, 0.4804,
0.3477

72.2975, 0.3470,
0.3350

30.7619, 0.5250,
0.3485

85.4096, 0.3265,
0.3316

26.6881, 0.5684,
0.3472

99.4296, 0.3108,
0.3290

■ 23.7946, 0.6044,
0.3434

■ 21.9509, 0.6278,
0.3379

■ 21.7025, 0.6312,
0.3371

Harmonies

Analogous

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



51.1010, 0.3729, 0.3050



51.1010, 0.4026, 0.3421



51.1010, 0.4055, 0.3790

Triad

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



51.1010, 0.4026, 0.3421



51.1010, 0.2937, 0.3941



51.1010, 0.2446, 0.2542

Complementary

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



51.1010, 0.4026, 0.3421



76.3651, 0.2576, 0.3152

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.



51.1010, 0.2273, 0.2705



51.1010, 0.4026, 0.3421



51.1010, 0.2538, 0.3516

Square

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



51.1010, 0.4026, 0.3421



51.1010, 0.3407, 0.4145



51.1010, 0.2304, 0.3051



51.1010, 0.2799, 0.2563

Rectangle

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



51.1010, 0.4026, 0.3421



51.1010, 0.3924, 0.3993



51.1010, 0.2304, 0.3051



51.1010, 0.2366, 0.2575

Sweetspot

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



51.1035, 0.4026, 0.3421



83.6592, 0.3320, 0.3326



50.7957, 0.3264, 0.2443



17.5080, 0.3347, 0.3330



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.



51.1035, 0.4026, 0.3421



45.6802, 0.4309, 0.3447



71.7774, 0.3834, 0.3904



17.5761, 0.3291, 0.3320



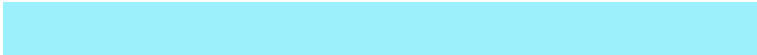
11.4208, 0.6293, 0.3385



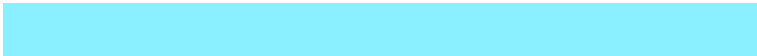
1.1652, 0.6115, 0.3527

Inverse Universe

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



76.3651, 0.2576, 0.3152



75.0813, 0.2481, 0.3119



52.1317, 0.2491, 0.2582



19.2149, 0.2980, 0.3259



30.5770, 0.2136, 0.2888



2.9328, 0.2150, 0.2941

Previews

White Background



This preview shows how the Yxy color 51.1010, 0.4026, 0.3421 looks on a white background.

Color Contrast Check

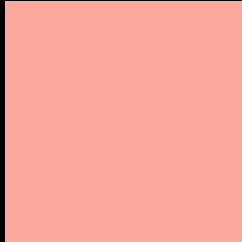
Large Text (above 18pt) WCAG AA × Fail

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 51.1010, 0.4026, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

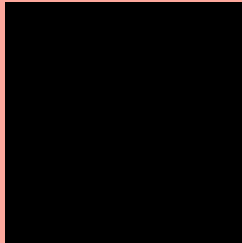
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1010, 0.4026, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 51.1010, 0.4026, 0.3421.



This preview shows how white text looks on a background with the Yxy color 51.1010, 0.4026, 0.3421.

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

51.1010, 0.4026, 0.3421

Protanopia

51.2905, 0.3393, 0.3578

Deuteranopia

51.1280, 0.3718, 0.3635



Tritanopia

51.1554, 0.3853, 0.3165

Trichromacy



Original Color

51.1010, 0.4026, 0.3421



Protanomaly

50.5618, 0.3615, 0.3518



Deuteranomaly

50.9332, 0.3827, 0.3555



Tritanomaly

51.0197, 0.3918, 0.3260

Monochromacy



Original Color

51.1010, 0.4026, 0.3421



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.4178, 0.3428, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1010, 0.4026, 0.3421 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(252, 168, 156)` looks like.

```
.text, #text, p{  
    color:rgb(252, 168, 156)  
}
```

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(252, 168, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 168, 156) }
```

Border

The CSS property to change the border of an element to Yxy 51.1010, 0.4026, 0.3421 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(252, 168, 156) }
```

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

```
.border{ border-color:rgb(252, 168, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 168, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 168, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 168, 156);  
box-shadow:4px 4px 4px 4px rgb(252, 168,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1010, 0.4026, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 168, 156) }
```

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

```
.background{ background-color: rgb(252,  
168, 156) }
```

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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