

Converting Colors

$Yxy(43.4408, 0.4103, 0.3381)$

Have a look what the booklet for
Yxy(43.4408, 0.4103, 0.3381)
contains.

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Color

Yxy(43.5276, 0.4100, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	F19991
RGB	241, 153, 145
RGB Percent	95%, 60%, 57%
CMY	0.0550, 0.3999, 0.4314
CMYK	0.00, 0.36, 0.40, 0.06
HSL	5°, 77%, 76%
HSV	5°, 40%, 94%
XYZ	52.7685, 43.5276, 32.4076
YIQ	178.4000, 55.0160, 16.1680

Conversions

Conversions Part 2

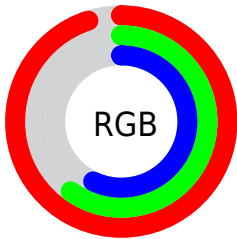
Format	Color
R _Y B	241, 154, 145
Decimal	15833489
CIE Lab	71.91, 32.01, 18.04
CIE LCh	72, 36.746, 29.398
Yxy	43.5276, 0.4100, 0.3382
Android (android.graphics.Color)	4294023569 (0xFFFF19991)
YUV	178.4000, -16.4662, 54.9002
Hunter-Lab	65.9754, 27.3109, 17.0592

Details

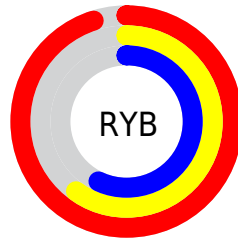
The Yxy color **43.5276, 0.4100, 0.3382** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.6106, 0.2563, 0.3193**, and the grayscale version is **44.8125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4953, 0.3557, 0.3384**, and **20.0787, 0.4377, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **36.2904, 0.4484, 0.3403**, and if you desaturate by 10%, it is **52.2642, 0.3777, 0.3358**.

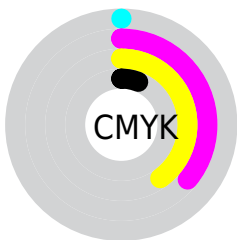
Distribution



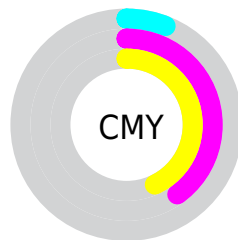
- Red (95%)
- Green (60%)
- Blue (57%)



- Red (95%)
- Yellow (60%)
- Blue (57%)



- Cyan (0%)
- Magenta (36%)
- Yellow (40%)
- Black (6%)




- Cyan (6%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5276, 0.4100, 0.3382 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 43.5276, 0.4100, 0.3382 by changing the saturation by 10% instead.


 43.5276, 0.4100,
0.3382

 43.5276, 0.4100,
0.3382


360.7770, 0.3603,
0.3353

 30.2993, 0.4226,
0.3384


 80.5064, 0.3918,
0.3376

 20.0659, 0.4389,
0.3382


 105.0257, 0.3850,
0.3372

 12.4429, 0.4606,
0.3374


134.0775, 0.3792,
0.3368

 7.0461, 0.4907,
0.3351

168.0461, 0.3743,
0.3365

 3.4909, 0.5349,
0.3291

207.3160, 0.3701,
0.3362

 1.3931, 0.6315,
0.3274

252.2715, 0.3664,

 0.2116, 0.8240,

0.3359

0.1760

303.2971, 0.3632,
0.3356

0.0000, 0.0000,
0.0000

43.5276, 0.4100,
0.3382

43.5276, 0.4100,
0.3382

36.2904, 0.4484,
0.3403

52.2642, 0.3777,
0.3358

30.4623, 0.4920,
0.3417

62.5711, 0.3513,
0.3334

25.9530, 0.5381,
0.3419

74.5225, 0.3298,
0.3311

22.6595, 0.5813,
0.3405

88.1860, 0.3124,
0.3290

20.4630, 0.6150,
0.3375

97.4345, 0.3041,
0.3290

■ 19.2150, 0.6348,
0.3340

■ 19.2003, 0.6351,
0.3339

Harmonies

Analogous

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



43.5276, 0.3743, 0.2983



43.5276, 0.4100, 0.3382



43.5276, 0.4164, 0.3791

Triad

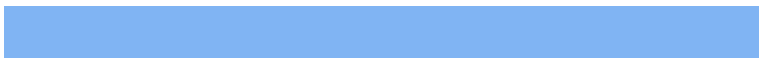
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.5276, 0.4100, 0.3382



43.5276, 0.2968, 0.4056



43.5276, 0.2348, 0.2478

Complementary

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



43.5276, 0.4100, 0.3382



70.6106, 0.2563, 0.3193

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.



43.5276, 0.2184, 0.2674



43.5276, 0.4100, 0.3382



43.5276, 0.2517, 0.3597

Square

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



43.5276, 0.4100, 0.3382



43.5276, 0.3486, 0.4245



43.5276, 0.2241, 0.3072



43.5276, 0.2713, 0.2483

Rectangle

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



43.5276, 0.4100, 0.3382



43.5276, 0.4036, 0.4027



43.5276, 0.2241, 0.3072



43.5276, 0.2269, 0.2520

Sweetspot

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



43.5297, 0.4100, 0.3382



81.5796, 0.3342, 0.3316



44.8263, 0.3242, 0.2379



17.0688, 0.3369, 0.3319



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.



43.5297, 0.4100, 0.3382



42.5388, 0.4415, 0.3400



62.5021, 0.3883, 0.3898



15.9712, 0.3291, 0.3310



10.4928, 0.6337, 0.3350



0.9455, 0.6189, 0.3468

Inverse Universe

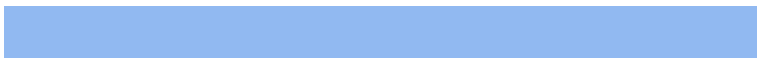
The Inverse Universe completely reimagines the original color for something new.



70.6106, 0.2563, 0.3193



77.3348, 0.2470, 0.3170



47.0598, 0.2469, 0.2588



17.6895, 0.2981, 0.3270



31.5389, 0.2174, 0.3026



2.6899, 0.2184, 0.3064

Previews

White Background



This preview shows how the Yxy color 43.5276, 0.4100, 0.3382 looks on a white background.

Color Contrast Check

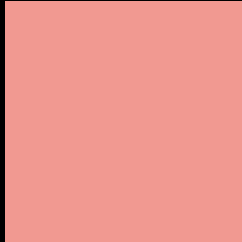
Large Text (above 18pt) WCAG AA × Fail

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 43.5276, 0.4100, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

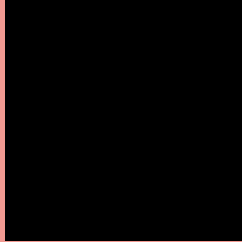
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5276, 0.4100, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 43.5276, 0.4100, 0.3382.



This preview shows how white text looks on a background with the Yxy color 43.5276, 0.4100, 0.3382.

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

43.5276, 0.4100, 0.3382

Protanopia

43.7653, 0.3376, 0.3558

Deuteranopia

43.8243, 0.3719, 0.3645



Tritanopia

43.2986, 0.3944, 0.3160

Trichromacy



Original Color

43.5276, 0.4100, 0.3382

Protanomaly

43.2514, 0.3623, 0.3494

Deuteranomaly

43.5942, 0.3859, 0.3546

Tritanomaly

43.4108, 0.4003, 0.3237

Monochromacy



Original Color

43.5276, 0.4100, 0.3382

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.5466, 0.3452, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5276, 0.4100, 0.3382 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(241, 153, 145)` looks like.

```
.text, #text, p{  
    color:rgb(241, 153, 145)  
}
```

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(241, 153, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 153, 145) }
```

Border

The CSS property to change the border of an element to Yxy 43.5276, 0.4100, 0.3382 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(241, 153, 145) }
```

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

```
.border{ border-color:rgb(241, 153, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 153, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 153, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 153, 145);  
box-shadow:4px 4px 4px 4px rgb(241, 153,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5276, 0.4100, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 153, 145) }
```

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

```
.background{ background-color: rgb(241,  
153, 145) }
```

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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