

Converting Colors

$Y_{xy}(42.3564, 0.3979, 0.3236)$

Have a look what the booklet for
Yxy(42.3564, 0.3979, 0.3236)
contains.

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Color

Yxy(42.3564, 0.3979, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	EE969B
RGB	238, 150, 155
RGB Percent	93%, 59%, 61%
CMY	0.0667, 0.4117, 0.3920
CMYK	0.00, 0.37, 0.35, 0.07
HSL	357°, 72%, 76%
HSV	357°, 37%, 93%
XYZ	52.0816, 42.3564, 36.4532
YIQ	176.8820, 50.8430, 20.2110

Conversions

Conversions Part 2

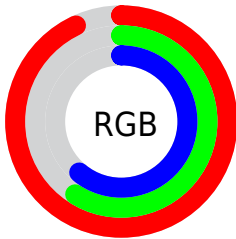
Format	Color
R _Y B	238, 150, 155
Decimal	15636123
CIE Lab	71.12, 33.65, 11.33
CIE LCh	71, 35.508, 18.600
Yxy	42.3564, 0.3979, 0.3236
Android (android.graphics.Color)	4293826203 (0xFFEE969B)
YUV	176.8820, -10.7878, 53.6005
Hunter-Lab	65.0818, 28.9512, 12.3481

Details

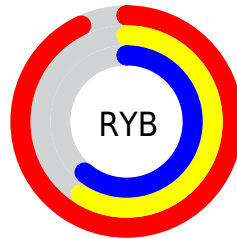
The Yxy color **42.3564, 0.3979, 0.3236** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.5087, 0.2635, 0.3348**, and the grayscale version is **43.9411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5261, 0.3486, 0.3250**, and **19.4381, 0.4238, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **34.8329, 0.4344, 0.3223**, and if you desaturate by 10%, it is **51.5664, 0.3678, 0.3251**.

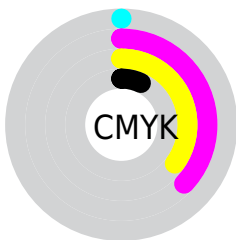
Distribution



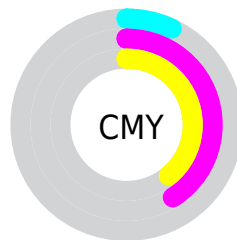
- Red (93%)
- Green (59%)
- Blue (61%)



- Red (93%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (37%)
- Yellow (35%)
- Black (7%)



- Cyan (7%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3564, 0.3979, 0.3236 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 42.3564, 0.3979, 0.3236 by changing the saturation by 10% instead.


 42.3564, 0.3979,
0.3236


 42.3564, 0.3979,
0.3236


355.9582, 0.3542,
0.3274

 29.3805, 0.4091,
0.3223


 78.7387, 0.3818,
0.3253

 19.3688, 0.4236,
0.3203


 102.9139, 0.3758,
0.3258

 11.9371, 0.4431,
0.3174


131.5910, 0.3708,
0.3262

 6.7008, 0.4706,
0.3125

165.1543, 0.3665,
0.3266

 3.2757, 0.5119,
0.3037

203.9883, 0.3628,
0.3269

 1.2773, 0.5869,
0.2890

248.4774, 0.3596,

 0.1235, 0.8841,

0.3271

0.1159

299.0059, 0.3567,
0.3273

0.0000, 0.0000,
0.0000

42.3564, 0.3979,
0.3236

42.3564, 0.3979,
0.3236

34.8329, 0.4344,
0.3223

51.5664, 0.3678,
0.3251

28.8881, 0.4770,
0.3214

62.5500, 0.3434,
0.3266

24.4112, 0.5235,
0.3213

75.3957, 0.3239,
0.3280

21.2746, 0.5692,
0.3223

90.1841, 0.3083,
0.3294

19.3291, 0.6070,
0.3243

96.9151, 0.3023,
0.3290

■ 18.3837, 0.6310,
0.3271

■ 18.2057, 0.6356,
0.3275

Harmonies

Analogous

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



42.3564, 0.3554, 0.2866



42.3564, 0.3979, 0.3236



42.3564, 0.4151, 0.3641

Triad

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



42.3564, 0.3979, 0.3236



42.3564, 0.3155, 0.4139



42.3564, 0.2284, 0.2543

Complementary

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



42.3564, 0.3979, 0.3236



73.5087, 0.2635, 0.3348

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.



42.3564, 0.2200, 0.2809



42.3564, 0.3979, 0.3236



42.3564, 0.2676, 0.3769

Square

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



42.3564, 0.3979, 0.3236



42.3564, 0.3650, 0.4209



42.3564, 0.2335, 0.3256



42.3564, 0.2575, 0.2478

Rectangle

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



42.3564, 0.3979, 0.3236



42.3564, 0.4096, 0.3893



42.3564, 0.2335, 0.3256



42.3564, 0.2232, 0.2609

Sweetspot

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



42.3585, 0.3979, 0.3236



81.8029, 0.3314, 0.3275



45.1646, 0.3119, 0.2361



17.0700, 0.3340, 0.3273



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.



42.3585, 0.3979, 0.3236



43.0213, 0.4235, 0.3226



56.4011, 0.3871, 0.3715



15.7735, 0.3284, 0.3277



10.1640, 0.6340, 0.3267



0.8507, 0.6187, 0.3182

Inverse Universe

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



42.3585, 0.3979, 0.3236



43.0213, 0.4235, 0.3226



53.9031, 0.2543, 0.2818



15.7735, 0.3284, 0.3277



10.1640, 0.6340, 0.3267



0.8507, 0.6187, 0.3182

Previews

White Background



This preview shows how the Yxy color 42.3564, 0.3979, 0.3236 looks on a white background.

Color Contrast Check

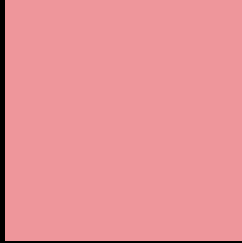
Large Text (above 18pt) WCAG AA × Fail

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 42.3564, 0.3979, 0.3236 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 42.3564, 0.3979, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 42.3564, 0.3979, 0.3236.



This preview shows how white text looks on a background with the Yxy color 42.3564, 0.3979, 0.3236.

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

42.3564, 0.3979, 0.3236

Protanopia

42.6830, 0.3222, 0.3371

Deuteranopia

42.5516, 0.3574, 0.3497



Tritanopia

42.2101, 0.3930, 0.3169

Trichromacy



Original Color

42.3564, 0.3979, 0.3236

Protanomaly

41.8340, 0.3479, 0.3317

Deuteranomaly

42.0858, 0.3724, 0.3390

Tritanomaly

42.1407, 0.3951, 0.3191

Monochromacy



Original Color

42.3564, 0.3979, 0.3236

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.6441, 0.3410, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3564, 0.3979, 0.3236 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(238, 150, 155)` looks like.

```
.text, #text, p{  
    color:rgb(238, 150, 155)  
}
```

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(238, 150, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 150, 155) }
```

Border

The CSS property to change the border of an element to Yxy 42.3564, 0.3979, 0.3236 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(238, 150, 155) }
```

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

```
.border{ border-color:rgb(238, 150, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 150, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 150, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 150, 155);  
box-shadow:4px 4px 4px 4px rgb(238, 150,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3564, 0.3979, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 150, 155) }
```

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

```
.background{ background-color: rgb(238,  
150, 155) }
```

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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