

Converting Colors

Yxy(41.3592, 0.4162, 0.3449)

Have a look what the booklet for
Yxy(41.3592, 0.4162, 0.3449)
contains.

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Color

Yxy(41.4231, 0.4161, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	EC9688
RGB	236, 150, 136
RGB Percent	93%, 59%, 53%
CMY	0.0745, 0.4118, 0.4666
CMYK	0.00, 0.36, 0.42, 0.07
HSL	8°, 72%, 73%
HSV	8°, 42%, 93%
XYZ	49.9454, 41.4231, 28.6637
YIQ	174.1180, 55.7500, 13.8780

Conversions

Conversions Part 2

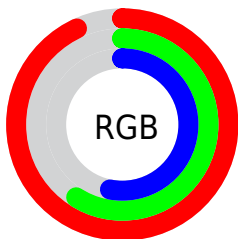
Format	Color
R _Y B	236, 152, 136
Decimal	15505032
CIE Lab	70.47, 30.76, 20.91
CIE LCh	70, 37.192, 34.206
Yxy	41.4231, 0.4161, 0.3451
Android (android.graphics.Color)	4293695112 (0xFFEC9688)
YUV	174.1180, -18.7922, 54.2705
Hunter-Lab	64.3608, 25.8886, 18.6472

Details

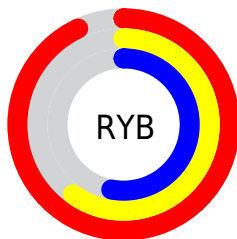
The Yxy color **41.4231, 0.4161, 0.3451** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.5510, 0.2522, 0.3117**, and the grayscale version is **42.4700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5968, 0.3641, 0.3457**, and **18.7544, 0.4471, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **34.8987, 0.4541, 0.3484**, and if you desaturate by 10%, it is **49.2218, 0.3837, 0.3413**.

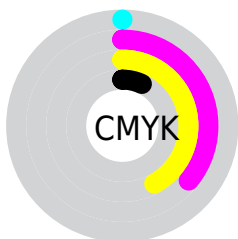
Distribution



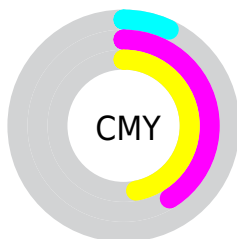
- Red (93%)
- Green (59%)
- Blue (53%)



- Red (93%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (36%)
- Yellow (42%)
- Black (7%)



- Cyan (7%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4231, 0.4161, 0.3451 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 41.4231, 0.4161, 0.3451 by changing the saturation by 10% instead.


 41.4231, 0.4161,
0.3451

 41.4231, 0.4161,
0.3451


352.0859, 0.3629,
0.3390

 28.6498, 0.4297,
0.3459


 77.3258, 0.3965,
0.3434

 18.8161, 0.4473,
0.3465


 101.2239, 0.3892,
0.3426

 11.5375, 0.4707,
0.3466


 129.5992, 0.3831,
0.3418

 6.4296, 0.5034,
0.3450

162.8360, 0.3778,
0.3412

 3.1080, 0.5510,
0.3392

201.3186, 0.3733,
0.3405

 1.1884, 0.6604,
0.3396

245.4316, 0.3694,

 0.0522, 0.9388,

0.3400

0.0612

295.5592, 0.3659,
0.3395

0.0000, 0.0000,
0.0000

41.4231, 0.4161,
0.3451

41.4231, 0.4161,
0.3451

34.8987, 0.4541,
0.3484

49.2218, 0.3837,
0.3413

29.5747, 0.4965,
0.3505

58.3511, 0.3567,
0.3373

25.3791, 0.5407,
0.3506


68.8717, 0.3346,
0.3334


22.2296, 0.5815,
0.3482

80.8385, 0.3165,
0.3298

20.0323, 0.6130,
0.3432

94.3034, 0.3017,
0.3265

 18.9214, 0.6290,
0.3387

 96.5741, 0.3011,
0.3290

Harmonies

Analogous

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



41.4231, 0.3836, 0.3036



41.4231, 0.4161, 0.3451



41.4231, 0.4173, 0.3865

Triad

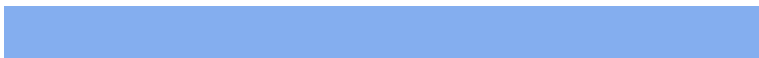
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.4231, 0.4161, 0.3451



41.4231, 0.2880, 0.4019



41.4231, 0.2374, 0.2444

Complementary

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



41.4231, 0.4161, 0.3451



63.5510, 0.2522, 0.3117

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.



41.4231, 0.2171, 0.2610



41.4231, 0.4161, 0.3451



41.4231, 0.2441, 0.3517

Square

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



41.4231, 0.4161, 0.3451



41.4231, 0.3410, 0.4267



41.4231, 0.2192, 0.2987



41.4231, 0.2777, 0.2481

Rectangle

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



41.4231, 0.4161, 0.3451



41.4231, 0.4011, 0.4095



41.4231, 0.2192, 0.2987



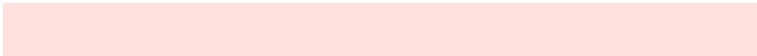
41.4231, 0.2283, 0.2476

Sweetspot

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



41.4251, 0.4161, 0.3451



81.1823, 0.3360, 0.3337



40.7591, 0.3297, 0.2371



16.7556, 0.3406, 0.3345



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.



41.4251, 0.4161, 0.3451



42.4235, 0.4494, 0.3480



60.6187, 0.3917, 0.3987



15.3936, 0.3289, 0.3324



10.5384, 0.6271, 0.3403



0.9344, 0.6048, 0.3580

Inverse Universe

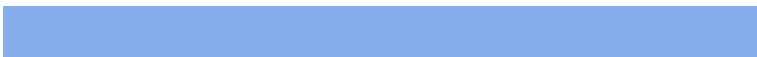
The Inverse Universe completely reimagines the original color for something new.



63.5510, 0.2522, 0.3117



72.0401, 0.2421, 0.3075



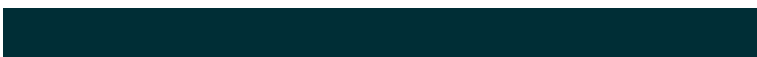
41.0587, 0.2415, 0.2467



16.7419, 0.2981, 0.3256



27.0279, 0.2123, 0.2842



2.2211, 0.2142, 0.2910

Previews

White Background



This preview shows how the Yxy color 41.4231, 0.4161, 0.3451 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 41.4231, 0.4161, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

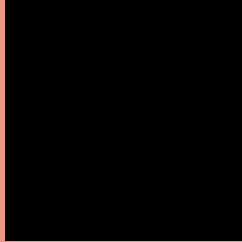
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4231, 0.4161, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 41.4231, 0.4161, 0.3451.



This preview shows how white text looks on a background with the Yxy color 41.4231, 0.4161, 0.3451.

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

41.4231, 0.4161, 0.3451

Protanopia

41.5567, 0.3436, 0.3632

Deuteranopia

41.6624, 0.3789, 0.3715



Tritanopia

41.5132, 0.3959, 0.3169

Trichromacy



Original Color

41.4231, 0.4161, 0.3451

Protanomaly

41.0906, 0.3692, 0.3562

Deuteranomaly

41.3099, 0.3926, 0.3612

Tritanomaly

41.3863, 0.4031, 0.3270

Monochromacy



Original Color

41.4231, 0.4161, 0.3451

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.3186, 0.3478, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4231, 0.4161, 0.3451 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(236, 150, 136)` looks like.

```
.text, #text, p{  
    color:rgb(236, 150, 136)  
}
```

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(236, 150, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 150, 136) }
```

Border

The CSS property to change the border of an element to Yxy 41.4231, 0.4161, 0.3451 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(236, 150, 136) }
```

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

```
.border{ border-color:rgb(236, 150, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 150, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 150, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 150, 136);  
box-shadow:4px 4px 4px 4px rgb(236, 150,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4231, 0.4161, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 150, 136) }
```

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

```
.background{ background-color: rgb(236,  
150, 136) }
```

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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