

Converting Colors

$Yxy(41.7244, 0.4035, 0.3420)$

Have a look what the booklet for
Yxy(41.7244, 0.4035, 0.3420)
contains.

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Color

Yxy(41.7244, 0.4035, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	E7998E
RGB	231, 153, 142
RGB Percent	91%, 60%, 56%
CMY	0.0941, 0.4000, 0.4431
CMYK	0.00, 0.34, 0.39, 0.09
HSL	7°, 65%, 73%
HSV	7°, 39%, 91%
XYZ	49.2275, 41.7244, 31.0493
YIQ	175.0680, 50.0190, 13.1150

Conversions

Conversions Part 2

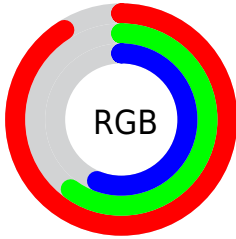
Format	Color
R _Y B	231, 155, 142
Decimal	15178126
CIE Lab	70.68, 27.91, 17.81
CIE LCh	71, 33.111, 32.534
Yxy	41.7244, 0.4035, 0.3420
Android (android.graphics.Color)	4293368206 (0xFFE7998E)
YUV	175.0680, -16.3025, 49.0524
Hunter-Lab	64.5944, 22.9948, 16.7165

Details

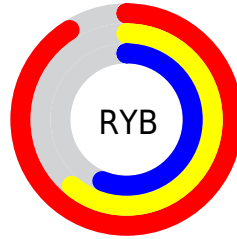
The Yxy color **41.7244, 0.4035, 0.3420** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.6987, 0.2573, 0.3153**, and the grayscale version is **42.9745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3573, 0.3580, 0.3415**, and **18.9643, 0.4306, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **35.0289, 0.4398, 0.3451**, and if you desaturate by 10%, it is **49.6917, 0.3730, 0.3385**.

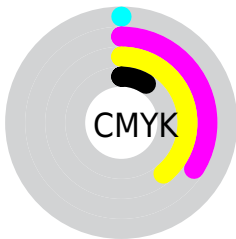
Distribution



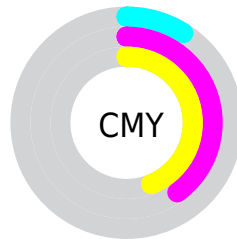
- Red (91%)
- Green (60%)
- Blue (56%)



- Red (91%)
- Yellow (61%)
- Blue (56%)



- Cyan (0%)
- Magenta (34%)
- Yellow (39%)
- Black (9%)



- Cyan (9%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7244, 0.4035, 0.3420 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 41.7244, 0.4035, 0.3420 by changing the saturation by 10% instead.


 41.7244, 0.4035,
0.3420

 41.7244, 0.4035,
0.3420


353.3392, 0.3568,
0.3370

 28.8856, 0.4155,
0.3427


 77.7823, 0.3863,
0.3405

 18.9943, 0.4310,
0.3434


 101.7702, 0.3799,
0.3399

 11.6661, 0.4518,
0.3436


 130.2433, 0.3745,
0.3393

 6.5168, 0.4810,
0.3427

163.5858, 0.3699,
0.3387

 3.1618, 0.5244,
0.3388

202.1823, 0.3660,
0.3382

 1.2168, 0.6380,
0.3498

246.4171, 0.3625,

 0.0753, 0.9091,

0.3378

0.0909

296.6746, 0.3595,
0.3373

0.0000, 0.0000,
0.0000

41.7244, 0.4035,
0.3420

41.7244, 0.4035,
0.3420

35.0289, 0.4398,
0.3451

49.6917, 0.3730,
0.3385

29.5335, 0.4812,
0.3474

58.9856, 0.3478,
0.3350

25.1687, 0.5258,
0.3482

69.6650, 0.3272,
0.3317

21.8551, 0.5689,
0.3469

81.7836, 0.3105,
0.3286

19.5031, 0.6047,
0.3432

95.2302, 0.2981,
0.3282

■ 18.0050, 0.6282,
0.3379

■ 95.7281, 0.2982,
0.3290

■ 17.8463, 0.6309,
0.3373

Harmonies

Analogous

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



41.7244, 0.3734, 0.3046



41.7244, 0.4035, 0.3420



41.7244, 0.4065, 0.3793

Triad

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



41.7244, 0.4035, 0.3420



41.7244, 0.2937, 0.3950



41.7244, 0.2438, 0.2535

Complementary

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



41.7244, 0.4035, 0.3420



62.6987, 0.2573, 0.3153

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.



41.7244, 0.2264, 0.2700



41.7244, 0.4035, 0.3420



41.7244, 0.2533, 0.3520

Square

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



41.7244, 0.4035, 0.3420



41.7244, 0.3411, 0.4155



41.7244, 0.2296, 0.3050



41.7244, 0.2793, 0.2556

Rectangle

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



41.7244, 0.4035, 0.3420



41.7244, 0.3933, 0.3998



41.7244, 0.2296, 0.3050



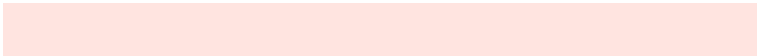
41.7244, 0.2358, 0.2568

Sweetspot

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



41.7264, 0.4035, 0.3420



82.2525, 0.3340, 0.3328



41.5336, 0.3265, 0.2438



17.2258, 0.3367, 0.3333



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.



41.7264, 0.4035, 0.3420



45.6114, 0.4310, 0.3445



58.8191, 0.3839, 0.3908



14.6538, 0.3289, 0.3320



10.1012, 0.6291, 0.3387



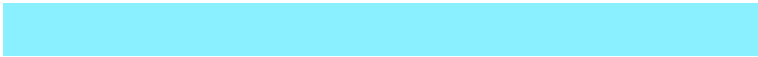
0.8408, 0.6072, 0.3561

Inverse Universe

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



62.6987, 0.2573, 0.3153



75.2060, 0.2481, 0.3121



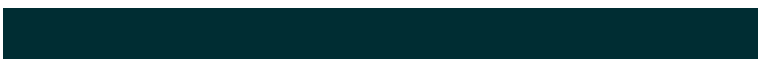
42.6154, 0.2486, 0.2577



16.0160, 0.2982, 0.3260



27.1518, 0.2138, 0.2896



2.0923, 0.2155, 0.2959

Previews

White Background



This preview shows how the Yxy color 41.7244, 0.4035, 0.3420 looks on a white background.

Color Contrast Check

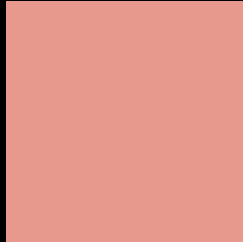
Large Text (above 18pt) WCAG AA × Fail

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 41.7244, 0.4035, 0.3420 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 41.7244, 0.4035, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 41.7244, 0.4035, 0.3420.



This preview shows how white text looks on a background with the Yxy color 41.7244, 0.4035, 0.3420.

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

41.7244, 0.4035, 0.3420

Protanopia

41.9779, 0.3380, 0.3577

Deuteranopia

41.7224, 0.3713, 0.3626



Tritanopia

41.7095, 0.3867, 0.3166

Trichromacy



Original Color

41.7244, 0.4035, 0.3420

Protanomaly

41.5527, 0.3608, 0.3525

Deuteranomaly

41.5590, 0.3832, 0.3540

Tritanomaly

41.6221, 0.3927, 0.3258

Monochromacy



Original Color

41.7244, 0.4035, 0.3420

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.8839, 0.3427, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7244, 0.4035, 0.3420 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(231, 153, 142)` looks like.

```
.text, #text, p{  
    color:rgb(231, 153, 142)  
}
```

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(231, 153, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 153, 142) }
```

Border

The CSS property to change the border of an element to Yxy 41.7244, 0.4035, 0.3420 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(231, 153, 142) }
```

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

```
.border{ border-color:rgb(231, 153, 142) }
```

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

Here you see how a box with a 4 pixel rgb(231, 153, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 153, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 153, 142);  
box-shadow:4px 4px 4px 4px rgb(231, 153,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7244, 0.4035, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 153, 142) }
```

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

```
.background{ background-color: rgb(231,  
153, 142) }
```

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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