

Converting Colors

$Yxy(41.8772, 0.3988, 0.3408)$

Have a look what the booklet for
Yxy(41.8772, 0.3988, 0.3408)
contains.

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Color

Yxy(41.7828, 0.3990, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	E59A90
RGB	229, 154, 144
RGB Percent	90%, 60%, 56%
CMY	0.1020, 0.3961, 0.4352
CMYK	0.00, 0.33, 0.37, 0.10
HSL	7°, 62%, 73%
HSV	7°, 37%, 90%
XYZ	48.9039, 41.7828, 31.8795
YIQ	175.2850, 47.9100, 12.7900

Conversions

Conversions Part 2

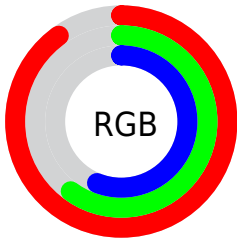
Format	Color
R _Y B	229, 155, 144
Decimal	15047312
CIE Lab	70.72, 26.86, 16.71
CIE LCh	71, 31.635, 31.894
Yxy	41.7828, 0.3990, 0.3409
Android (android.graphics.Color)	4293237392 (0xFFE59A90)
YUV	175.2850, -15.4235, 47.1081
Hunter-Lab	64.6396, 21.9270, 16.0066

Details

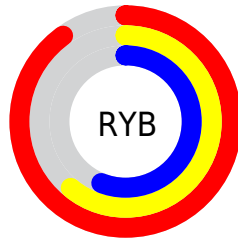
The Yxy color **41.7828, 0.3990, 0.3409** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.2585, 0.2592, 0.3165**, and the grayscale version is **43.0896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9381, 0.3562, 0.3404**, and **18.9688, 0.4243, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **35.0351, 0.4346, 0.3440**, and if you desaturate by 10%, it is **49.7996, 0.3692, 0.3376**.

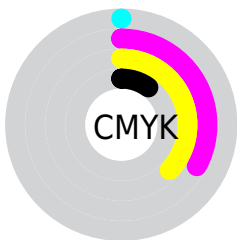
Distribution



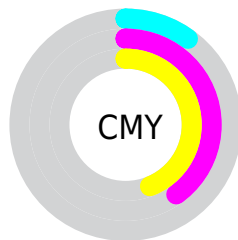
- Red (90%)
- Green (60%)
- Blue (56%)



- Red (90%)
- Yellow (61%)
- Blue (56%)



- Cyan (0%)
- Magenta (33%)
- Yellow (37%)
- Black (10%)




- Cyan (10%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7828, 0.3990, 0.3409 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 41.7828, 0.3990, 0.3409 by changing the saturation by 10% instead.

 41.7828, 0.3990,
0.3409


 41.7828, 0.3990,
0.3409


353.5818, 0.3546,
0.3363

 28.9313, 0.4104,
0.3416


 77.8708, 0.3826,
0.3395

 19.0288, 0.4252,
0.3422


 101.8760, 0.3765,
0.3389

 11.6911, 0.4450,
0.3425


130.3680, 0.3714,
0.3384

 6.5337, 0.4730,
0.3418

163.7310, 0.3671,
0.3379

 3.1722, 0.5147,
0.3384

202.3495, 0.3633,
0.3374

 1.2223, 0.6181,
0.3468

246.6078, 0.3600,

 0.0798, 0.9016,

0.3370

0.0984

296.8905, 0.3572,
0.3366

0.0000, 0.0000,
0.0000

41.7828, 0.3990,
0.3409

41.7828, 0.3990,
0.3409

35.0351, 0.4346,
0.3440

49.7996, 0.3692,
0.3376

29.4855, 0.4756,
0.3463

59.1396, 0.3446,
0.3343

25.0655, 0.5201,
0.3473

69.8611, 0.3246,
0.3311

21.6970, 0.5640,
0.3463

82.0173, 0.3083,
0.3282

19.2919, 0.6012,
0.3430

95.3981, 0.2970,
0.3290

■ 17.7465, 0.6262,
0.3379

■ 17.4379, 0.6315,
0.3367

Harmonies

Analogous

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



41.7828, 0.3698, 0.3050



41.7828, 0.3990, 0.3409



41.7828, 0.4026, 0.3767

Triad

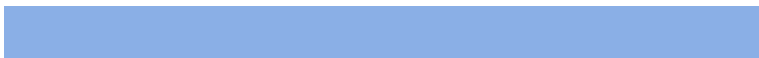
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.7828, 0.3990, 0.3409



41.7828, 0.2956, 0.3925



41.7828, 0.2461, 0.2568

Complementary

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



41.7828, 0.3990, 0.3409



62.2585, 0.2592, 0.3165

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.



41.7828, 0.2298, 0.2732



41.7828, 0.3990, 0.3409



41.7828, 0.2566, 0.3520

Square

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



41.7828, 0.3990, 0.3409



41.7828, 0.3410, 0.4116



41.7828, 0.2334, 0.3071



41.7828, 0.2800, 0.2583

Rectangle

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



41.7828, 0.3990, 0.3409



41.7828, 0.3904, 0.3964



41.7828, 0.2334, 0.3071



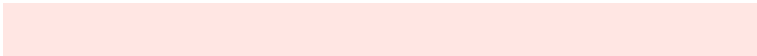
41.7828, 0.2386, 0.2602

Sweetspot

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



41.7848, 0.3990, 0.3409



83.5341, 0.3320, 0.3323



41.7290, 0.3259, 0.2469



17.4784, 0.3348, 0.3328



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.



41.7848, 0.3990, 0.3409



46.1845, 0.4276, 0.3434



58.3436, 0.3808, 0.3885



14.6393, 0.3290, 0.3318



10.0597, 0.6299, 0.3381



0.8339, 0.6087, 0.3549

Inverse Universe

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



62.2585, 0.2592, 0.3165



76.0334, 0.2494, 0.3134



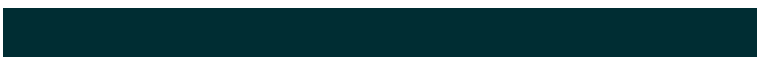
42.8723, 0.2512, 0.2608



16.0320, 0.2982, 0.3262



27.5262, 0.2143, 0.2916



2.1163, 0.2160, 0.2976

Previews

White Background



This preview shows how the Yxy color 41.7828, 0.3990, 0.3409 looks on a white background.

Color Contrast Check

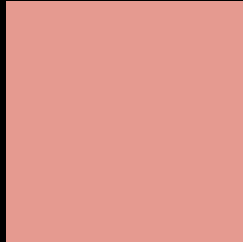
Large Text (above 18pt) WCAG AA × Fail

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 41.7828, 0.3990, 0.3409 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 41.7828, 0.3990, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 41.7828, 0.3990, 0.3409.



This preview shows how white text looks on a background with the Yxy color 41.7828, 0.3990, 0.3409.

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

41.7828, 0.3990, 0.3409

Protanopia

42.0108, 0.3371, 0.3563

Deuteranopia

42.0079, 0.3681, 0.3614



Tritanopia

41.7665, 0.3823, 0.3154

Trichromacy



Original Color

41.7828, 0.3990, 0.3409

Protanomaly

41.4802, 0.3580, 0.3499

Deuteranomaly

41.6727, 0.3789, 0.3529

Tritanomaly

41.6798, 0.3883, 0.3246

Monochromacy



Original Color

41.7828, 0.3990, 0.3409

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.9199, 0.3418, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7828, 0.3990, 0.3409 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(229, 154, 144)` looks like.

```
.text, #text, p{  
    color:rgb(229, 154, 144)  
}
```

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(229, 154, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 154, 144) }
```

Border

The CSS property to change the border of an element to Yxy 41.7828, 0.3990, 0.3409 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(229, 154, 144) }
```

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

```
.border{ border-color:rgb(229, 154, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 154, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 154, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 154, 144);  
box-shadow:4px 4px 4px 4px rgb(229, 154,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7828, 0.3990, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 154, 144) }
```

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

```
.background{ background-color: rgb(229,  
154, 144) }
```

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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