

Converting Colors

$Yxy(42.9812, 0.3564, 0.3418)$

Have a look what the booklet for
Yxy(42.9812, 0.3564, 0.3418)
contains.

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Color

Yxy(42.9091, 0.3569, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	CCA79D
RGB	204, 167, 157
RGB Percent	80%, 65%, 62%
CMY	0.2000, 0.3451, 0.3843
CMYK	0.00, 0.18, 0.23, 0.20
HSL	13°, 32%, 71%
HSV	13°, 23%, 80%
XYZ	44.8047, 42.9091, 37.8248
YIQ	176.9230, 25.2620, 4.7340

Conversions

Conversions Part 2

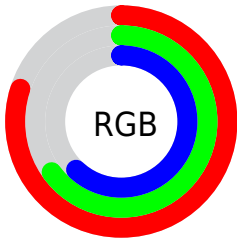
Format	Color
R _Y B	204, 170, 157
Decimal	13412253
CIE Lab	71.49, 12.01, 10.26
CIE LCh	71, 15.791, 40.501
Yxy	42.9091, 0.3569, 0.3418
Android (android.graphics.Color)	4291602333 (0xFFCCA79D)
YUV	176.9230, -9.8220, 23.7465
Hunter-Lab	65.5050, 7.4582, 11.6175

Details

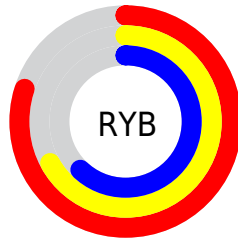
The Yxy color **42.9091, 0.3569, 0.3418** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1093, 0.2779, 0.3158**, and the grayscale version is **43.9674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2560, 0.3435, 0.3392**, and **19.6916, 0.3697, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **36.7479, 0.3827, 0.3477**, and if you desaturate by 10%, it is **49.9212, 0.3354, 0.3360**.

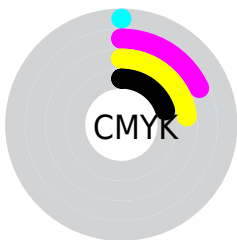
Distribution



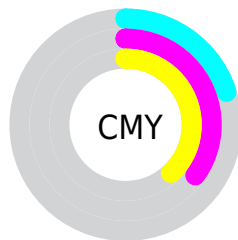
- Red (80%)
- Green (65%)
- Blue (62%)



- Red (80%)
- Yellow (67%)
- Blue (62%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (20%)





- Cyan (20%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9091, 0.3569, 0.3418 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 42.9091, 0.3569, 0.3418 by changing the saturation by 10% instead.

 42.9091, 0.3569,
0.3418

 42.9091, 0.3569,
0.3418


358.2378, 0.3343,
0.3357

 29.8138, 0.3627,
0.3432


 79.5737, 0.3486,
0.3397

 19.6973, 0.3702,
0.3450


 103.9117, 0.3455,
0.3388

 12.1752, 0.3803,
0.3472


132.7662, 0.3429,
0.3381

 6.8631, 0.3948,
0.3501

166.5214, 0.3407,
0.3375

 3.3766, 0.4169,
0.3537

205.5617, 0.3388,
0.3370

 1.3314, 0.4581,
0.3608

250.2717, 0.3371,

 0.1653, 0.7314,

0.3365

0.2686

301.0356, 0.3356,
0.3361

0.0000, 0.0000,
0.0000

42.9091, 0.3569,
0.3418

42.9091, 0.3569,
0.3418

36.7479, 0.3827,
0.3477

49.9212, 0.3354,
0.3360

31.3993, 0.4133,
0.3535

57.8090, 0.3175,
0.3306

26.8307, 0.4487,
0.3585

66.6035, 0.3027,
0.3255

23.0051, 0.4879,
0.3620

76.3326, 0.2904,
0.3209

19.8821, 0.5289,
0.3629

86.7619, 0.2822,
0.3209

■ 17.4178, 0.5676,
0.3604

■ 91.5757, 0.2827,
0.3289

■ 15.5624, 0.5993,
0.3543

■ 14.5928, 0.6163,
0.3489

Harmonies

Analogous

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



42.9091, 0.3460, 0.3225



42.9091, 0.3569, 0.3418



42.9091, 0.3554, 0.3587

Triad

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



42.9091, 0.3569, 0.3418



42.9091, 0.2986, 0.3545



42.9091, 0.2832, 0.2913

Complementary

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



42.9091, 0.3569, 0.3418



50.1093, 0.2779, 0.3158

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.



42.9091, 0.2716, 0.2980



42.9091, 0.3569, 0.3418



42.9091, 0.2802, 0.3344

Square

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



42.9091, 0.3569, 0.3418



42.9091, 0.3212, 0.3671



42.9091, 0.2705, 0.3136



42.9091, 0.3030, 0.2941

Rectangle

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



42.9091, 0.3569, 0.3418



42.9091, 0.3477, 0.3662



42.9091, 0.2705, 0.3136



42.9091, 0.2783, 0.2925

Sweetspot

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



42.9111, 0.3569, 0.3418



90.2629, 0.3244, 0.3327



40.8761, 0.3237, 0.2830



19.1478, 0.3254, 0.3331



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.



42.9111, 0.3569, 0.3418



65.4549, 0.3701, 0.3450



52.0524, 0.3507, 0.3697



11.5941, 0.3285, 0.3340



9.2978, 0.6140, 0.3506



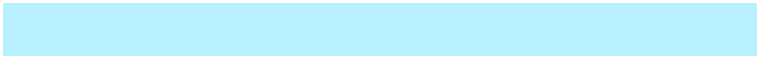
0.5935, 0.5758, 0.3810

Inverse Universe

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



50.1093, 0.2779, 0.3158



79.5685, 0.2702, 0.3124



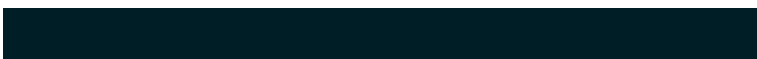
40.6945, 0.2755, 0.2846



12.3061, 0.2983, 0.3240



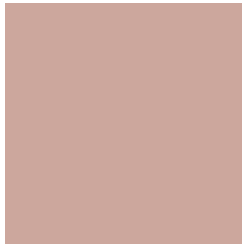
18.8383, 0.2055, 0.2597



1.0758, 0.2096, 0.2747

Previews

White Background



This preview shows how the Yxy color 42.9091, 0.3569, 0.3418 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 42.9091, 0.3569, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

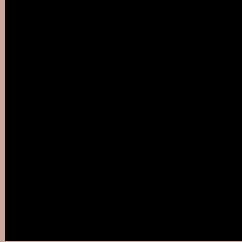
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9091, 0.3569, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 42.9091, 0.3569, 0.3418.



This preview shows how white text looks on a background with the Yxy color 42.9091, 0.3569, 0.3418.

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

42.9091, 0.3569, 0.3418

Protanopia

43.1782, 0.3308, 0.3479

Deuteranopia

42.9524, 0.3516, 0.3446



Tritanopia

42.8471, 0.3408, 0.3129

Trichromacy



Original Color

42.9091, 0.3569, 0.3418

Protanomaly

42.9903, 0.3396, 0.3449

Deuteranomaly

42.8571, 0.3538, 0.3432

Tritanomaly

42.7917, 0.3462, 0.3228

Monochromacy



Original Color

42.9091, 0.3569, 0.3418

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.3542, 0.3279, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9091, 0.3569, 0.3418 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(204, 167, 157)` looks like.

```
.text, #text, p{  
    color:rgb(204, 167, 157)  
}
```

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(204, 167, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 167, 157) }
```

Border

The CSS property to change the border of an element to Yxy 42.9091, 0.3569, 0.3418 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(204, 167, 157) }
```

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

```
.border{ border-color:rgb(204, 167, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 167, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 167, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 167, 157);  
box-shadow:4px 4px 4px 4px rgb(204, 167,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9091, 0.3569, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 167, 157) }
```

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

```
.background{ background-color: rgb(204,  
167, 157) }
```

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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