

Converting Colors

Yxy(41.7527, 0.3489, 0.3378)

Have a look what the booklet for
Yxy(41.7527, 0.3489, 0.3378)
contains.

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Color

Yxy(41.7814, 0.3495, 0.3382)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C6A69F |
| RGB | 198, 166, 159 |
| RGB Percent | 78%, 65%, 62% |
| CMY | 0.2236, 0.3490, 0.3765 |
| CMYK | 0.00, 0.16, 0.20, 0.22 |
| HSL | 11°, 25%, 70% |
| HSV | 11°, 20%, 78% |
| XYZ | 43.1774, 41.7814, 38.5817 |
| YIQ | 174.7700, 21.3190, 4.6070 |

Conversions

Conversions Part 2

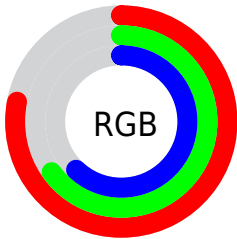
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 198, 168, 159 |
| Decimal | 13018783 |
| CIE _{Lab} | 70.72, 10.57, 7.99 |
| CIE _{LCh} | 71, 13.252, 37.086 |
| Yxy | 41.7814, 0.3495, 0.3382 |
| Android (android.graphics.Color) | 4291208863 (0xFFC6A69F) |
| YUV | 174.7700, -7.7746, 20.3727 |
| Hunter-Lab | 64.6385, 6.1174, 9.8577 |

Details

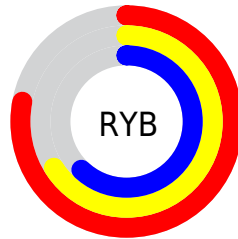
The Yxy color **41.7814, 0.3495, 0.3382** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.6841, 0.2830, 0.3196**, and the grayscale version is **42.7768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8279, 0.3422, 0.3362**, and **19.0466, 0.3607, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **35.6170, 0.3742, 0.3432**, and if you desaturate by 10%, it is **48.8041, 0.3291, 0.3334**.

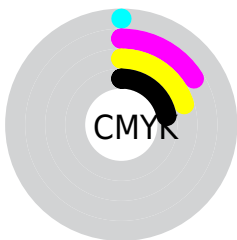
Distribution



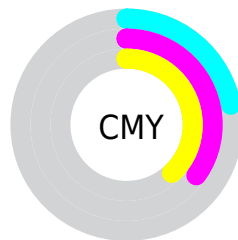
- Red (78%)
- Green (65%)
- Blue (62%)



- Red (78%)
- Yellow (66%)
- Blue (62%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7814, 0.3495, 0.3382 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 41.7814, 0.3495, 0.3382 by changing the saturation by 10% instead.


 41.7814, 0.3495,
0.3382

 41.7814, 0.3495,
0.3382


353.5760, 0.3306,
0.3338

 28.9302, 0.3544,
0.3392


 77.8687, 0.3425,
0.3366

 19.0280, 0.3607,
0.3405


 101.8735, 0.3400,
0.3360

 11.6905, 0.3693,
0.3422


130.3650, 0.3378,
0.3355

 6.5333, 0.3816,
0.3444

163.7275, 0.3359,
0.3351

 3.1720, 0.4006,
0.3472

202.3455, 0.3343,
0.3347

 1.2222, 0.4360,
0.3525

246.6033, 0.3329,

 0.0797, 0.8073,

0.3344

0.1927

296.8853, 0.3317,
0.3341

0.0000, 0.0000,
0.0000

41.7814, 0.3495,
0.3382

41.7814, 0.3495,
0.3382

35.6170, 0.3742,
0.3432

48.8041, 0.3291,
0.3334

30.2725, 0.4037,
0.3482

56.7106, 0.3123,
0.3289

25.7148, 0.4384,
0.3527

65.5323, 0.2984,
0.3247

21.9063, 0.4777,
0.3561

75.2972, 0.2869,
0.3210

18.8063, 0.5197,
0.3575

85.8393, 0.2788,
0.3206

■ 16.3703, 0.5607,
0.3561

■ 90.7429, 0.2794,
0.3289

■ 14.5483, 0.5957,
0.3514

■ 13.2775, 0.6211,
0.3447

■ 13.2464, 0.6217,
0.3445

Harmonies

Analogous

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



41.7814, 0.3393, 0.3218



41.7814, 0.3495, 0.3382



41.7814, 0.3495, 0.3529

Triad

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



41.7814, 0.3495, 0.3382



41.7814, 0.3029, 0.3521



41.7814, 0.2862, 0.2972

Complementary

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



41.7814, 0.3495, 0.3382



48.6841, 0.2830, 0.3196

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.



41.7814, 0.2771, 0.3040



41.7814, 0.3495, 0.3382



41.7814, 0.2866, 0.3357

Square

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



41.7814, 0.3495, 0.3382



41.7814, 0.3222, 0.3617



41.7814, 0.2773, 0.3180



41.7814, 0.3024, 0.2986

Rectangle

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



41.7814, 0.3495, 0.3382



41.7814, 0.3437, 0.3597



41.7814, 0.2773, 0.3180



41.7814, 0.2822, 0.2985

Sweetspot

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



41.7833, 0.3495, 0.3382



91.3112, 0.3226, 0.3317



40.5762, 0.3207, 0.2883



19.3495, 0.3238, 0.3320



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.



41.7833, 0.3495, 0.3382



68.7299, 0.3604, 0.3405



49.1951, 0.3450, 0.3620



10.9411, 0.3285, 0.3332



8.7075, 0.6198, 0.3461



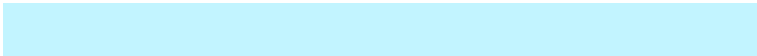
0.5094, 0.5815, 0.3764

Inverse Universe

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



48.6841, 0.2830, 0.3196



83.3431, 0.2762, 0.3171



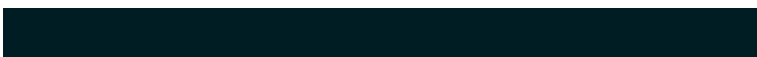
40.9436, 0.2814, 0.2937



11.7297, 0.2984, 0.3247



19.6390, 0.2086, 0.2709



1.0172, 0.2123, 0.2843

Previews

White Background



This preview shows how the Yxy color 41.7814, 0.3495, 0.3382 looks on a white background.

Color Contrast Check

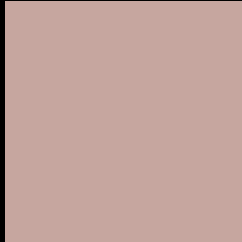
Large Text (above 18pt) WCAG AA × Fail

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 41.7814, 0.3495, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

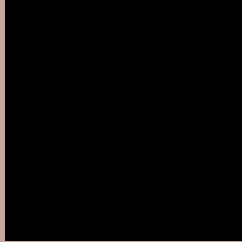
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7814, 0.3495, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 41.7814, 0.3495, 0.3382.



This preview shows how white text looks on a background with the Yxy color 41.7814, 0.3495, 0.3382.

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

41.7814, 0.3495, 0.3382

Protanopia

42.0795, 0.3274, 0.3440

Deuteranopia

41.7427, 0.3464, 0.3395



Tritanopia

41.6083, 0.3362, 0.3126

Trichromacy



Original Color

41.7814, 0.3495, 0.3382

Protanomaly

41.7618, 0.3353, 0.3411

Deuteranomaly

41.8764, 0.3473, 0.3395

Tritanomaly

41.5953, 0.3406, 0.3214

Monochromacy



Original Color

41.7814, 0.3495, 0.3382

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.4369, 0.3252, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7814, 0.3495, 0.3382 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(198, 166, 159)` looks like.

```
.text, #text, p{  
    color:rgb(198, 166, 159)  
}
```

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(198, 166, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 166, 159) }
```

Border

The CSS property to change the border of an element to Yxy 41.7814, 0.3495, 0.3382 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(198, 166, 159) }
```

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

```
.border{ border-color:rgb(198, 166, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 166, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 166, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 166, 159);  
box-shadow:4px 4px 4px 4px rgb(198, 166,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7814, 0.3495, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 166, 159) }
```

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

```
.background{ background-color: rgb(198,  
166, 159) }
```

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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