

Converting Colors

$Yxy(44.1794, 0.3565, 0.3404)$

Have a look what the booklet for
Yxy(44.1794, 0.3565, 0.3404)
contains.

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Color

Yxy(44.1794, 0.3565, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	CFA9A0
RGB	207, 169, 160
RGB Percent	81%, 66%, 63%
CMY	0.1881, 0.3373, 0.3726
CMYK	0.00, 0.18, 0.23, 0.19
HSL	11°, 33%, 72%
HSV	11°, 23%, 81%
XYZ	46.2690, 44.1794, 39.3384
YIQ	179.3360, 25.5370, 5.2570

Conversions

Conversions Part 2

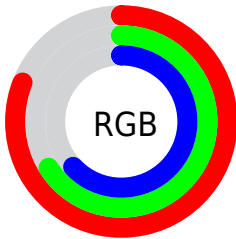
Format	Color
RYB	207, 171, 160
Decimal	13609376
CIELab	72.35, 12.52, 9.88
CIElCh	72, 15.945, 38.285
Yxy	44.1794, 0.3565, 0.3404
Android (android.graphics.Color)	4291799456 (0xFFCFA9A0)
YUV	179.3360, -9.5326, 24.2613
Hunter-Lab	66.4676, 7.9379, 11.4370

Details

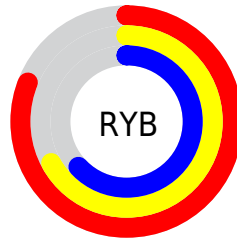
The Yxy color $44.1794, 0.3565, 0.3404$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $52.3709, 0.2784, 0.3173$, and the grayscale version is $45.3110, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.4776, 0.3410, 0.3381$, and $20.5021, 0.3689, 0.3426$ is the 20% darker color. If you saturate the color by 10%, you get $37.6829, 0.3825, 0.3458$, and if you desaturate by 10%, it is $51.5976, 0.3349, 0.3352$.

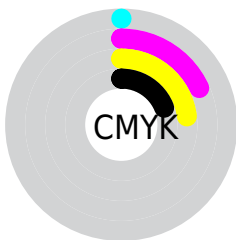
Distribution



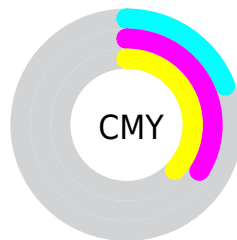
- Red (81%)
- Green (66%)
- Blue (63%)



- Red (81%)
- Yellow (67%)
- Blue (63%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (19%)





- Cyan (19%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1794, 0.3565, 0.3404 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 44.1794, 0.3565, 0.3404 by changing the saturation by 10% instead.


 44.1794, 0.3565,
0.3404


 44.1794, 0.3565,
0.3404


363.4399, 0.3342,
0.3350

 30.8116, 0.3622,
0.3416


 81.4876, 0.3483,
0.3385

 20.4554, 0.3695,
0.3432


 106.1968, 0.3453,
0.3378

 12.7265, 0.3794,
0.3451


135.4552, 0.3427,
0.3372

 7.2405, 0.3934,
0.3475

169.6473, 0.3405,
0.3366

 3.6130, 0.4147,
0.3505

209.1574, 0.3386,
0.3362

 1.4595, 0.4516,
0.3546

254.3699, 0.3370,

 0.2600, 0.6801,

0.3357

0.3199

305.6693, 0.3355,
0.3354

0.0000, 0.0000,
0.0000

44.1794, 0.3565,
0.3404

44.1794, 0.3565,
0.3404

37.6829, 0.3825,
0.3458

51.5976, 0.3349,
0.3352

32.0660, 0.4135,
0.3510

59.9654, 0.3170,
0.3303

27.2925, 0.4495,
0.3555

69.3171, 0.3023,
0.3257

23.3210, 0.4896,
0.3586

79.6833, 0.2900,
0.3216

20.1067, 0.5314,
0.3593

90.5340, 0.2842,
0.3265

■ 17.6003, 0.5709,
0.3569

■ 92.0089, 0.2844,
0.3289

■ 15.7462, 0.6029,
0.3510

■ 14.7644, 0.6202,
0.3457

Harmonies

Analogous

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



44.1794, 0.3448, 0.3211



44.1794, 0.3565, 0.3404



44.1794, 0.3559, 0.3576

Triad

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



44.1794, 0.3565, 0.3404



44.1794, 0.3002, 0.3557



44.1794, 0.2821, 0.2914

Complementary

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



44.1794, 0.3565, 0.3404



52.3709, 0.2784, 0.3173

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.



44.1794, 0.2711, 0.2989



44.1794, 0.3565, 0.3404



44.1794, 0.2813, 0.3360

Square

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



44.1794, 0.3565, 0.3404



44.1794, 0.3229, 0.3676



44.1794, 0.2708, 0.3150



44.1794, 0.3013, 0.2936

Rectangle

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



44.1794, 0.3565, 0.3404



44.1794, 0.3488, 0.3655



44.1794, 0.2708, 0.3150



44.1794, 0.2773, 0.2929

Sweetspot

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



44.1814, 0.3565, 0.3404



90.0398, 0.3244, 0.3324



42.5005, 0.3229, 0.2827



19.0963, 0.3255, 0.3327



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.



44.1814, 0.3565, 0.3404



65.8166, 0.3679, 0.3429



53.5619, 0.3504, 0.3683



12.1697, 0.3286, 0.3335



9.4044, 0.6182, 0.3474



0.6370, 0.5835, 0.3749

Inverse Universe

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



52.3709, 0.2784, 0.3173



81.0672, 0.2718, 0.3146



42.5912, 0.2761, 0.2863



13.0059, 0.2983, 0.3244



20.4607, 0.2075, 0.2669



1.2454, 0.2110, 0.2795

Previews

White Background



This preview shows how the Yxy color 44.1794, 0.3565, 0.3404 looks on a white background.

Color Contrast Check

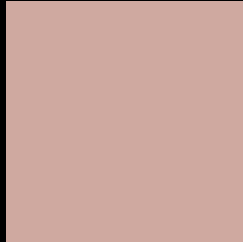
Large Text (above 18pt) WCAG AA × Fail

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 44.1794, 0.3565, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

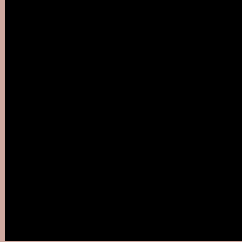
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1794, 0.3565, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 44.1794, 0.3565, 0.3404.



This preview shows how white text looks on a background with the Yxy color 44.1794, 0.3565, 0.3404.

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

44.1794, 0.3565, 0.3404

Protanopia

44.3150, 0.3297, 0.3463

Deuteranopia

44.0814, 0.3502, 0.3431



Tritanopia

44.0824, 0.3415, 0.3131

Trichromacy



Original Color

44.1794, 0.3565, 0.3404

Protanomaly

44.1229, 0.3385, 0.3434

Deuteranomaly

43.9840, 0.3524, 0.3418

Tritanomaly

44.0259, 0.3468, 0.3229

Monochromacy



Original Color

44.1794, 0.3565, 0.3404

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.4573, 0.3278, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1794, 0.3565, 0.3404 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(207, 169, 160)` looks like.

```
.text, #text, p{  
    color:rgb(207, 169, 160)  
}
```

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(207, 169, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 169, 160) }
```

Border

The CSS property to change the border of an element to Yxy 44.1794, 0.3565, 0.3404 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(207, 169, 160) }
```

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

```
.border{ border-color:rgb(207, 169, 160) }
```

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

Here you see how a box with a 4 pixel rgb(207, 169, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 169, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 169, 160);  
box-shadow:4px 4px 4px 4px rgb(207, 169,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1794, 0.3565, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 169, 160) }
```

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

```
.background{ background-color: rgb(207,  
169, 160) }
```

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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