

Converting Colors

$Yxy(44.2674, 0.3557, 0.3644)$

Have a look what the booklet for
Yxy(44.2674, 0.3557, 0.3644)
contains.

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Color

Yxy(44.1145, 0.3564, 0.3642)

Conversions

Conversions Part 1

Format	Color
Hex	C4AE93
RGB	196, 174, 147
RGB Percent	77%, 68%, 58%
CMY	0.2313, 0.3176, 0.4235
CMYK	0.00, 0.11, 0.25, 0.23
HSL	33°, 29%, 67%
HSV	33°, 25%, 77%
XYZ	43.1697, 44.1145, 33.8429
YIQ	177.5000, 21.7790, -3.7330

Conversions

Conversions Part 2

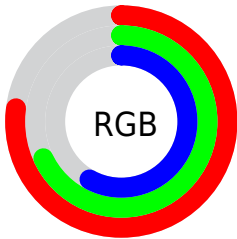
Format	Color
R _Y B	187, 196, 147
Decimal	12889747
CIE Lab	72.30, 3.72, 16.77
CIE LCh	72, 17.180, 77.507
Yxy	44.1145, 0.3564, 0.3642
Android (android.graphics.Color)	4291079827 (0xFFC4AE93)
YUV	177.5000, -15.0365, 16.2245
Hunter-Lab	66.4187, -0.2145, 16.2826

Details

The Yxy color $44.1145, 0.3564, 0.3642$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $38.5693, 0.2731, 0.2910$, and the grayscale version is $44.3169, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.1383, 0.3484, 0.3575$, and $20.5144, 0.3698, 0.3750$ is the 20% darker color. If you saturate the color by 10%, you get $40.2620, 0.3776, 0.3789$, and if you desaturate by 10%, it is $48.2988, 0.3374, 0.3497$.

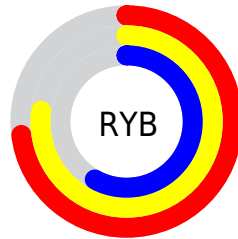
Distribution



Red (77%)

Green (68%)

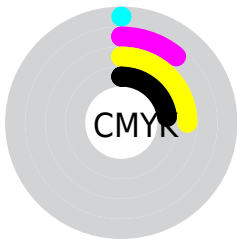
Blue (58%)



Red (73%)

Yellow (77%)

Blue (58%)

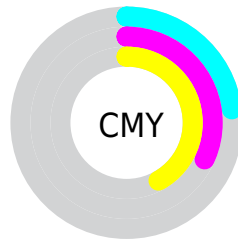


Cyan (0%)

Magenta (11%)

Yellow (25%)

Black (23%)



Cyan (23%)


Magenta (32%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1145, 0.3564, 0.3642 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 44.1145, 0.3564, 0.3642 by changing the saturation by 10% instead.


 44.1145, 0.3564,
0.3642


 44.1145, 0.3564,
0.3642


363.1753, 0.3343,
0.3467

 30.7605, 0.3620,
0.3685


 81.3900, 0.3483,
0.3579

 20.4166, 0.3691,
0.3740


 106.0803, 0.3453,
0.3555

 12.6982, 0.3787,
0.3812


135.3183, 0.3428,
0.3535

 7.2211, 0.3920,
0.3911

169.4881, 0.3406,
0.3517

 3.6007, 0.4117,
0.4052

208.9744, 0.3387,
0.3502

 1.4528, 0.4614,
0.4437

254.1614, 0.3371,

 0.2552, 0.5663,

0.3489

0.4337

305.4336, 0.3356,
0.3477

0.0000, 0.0000,
0.0000

44.1145, 0.3564,
0.3642

44.1145, 0.3564,
0.3642

40.2620, 0.3776,
0.3789

48.2988, 0.3374,
0.3497

36.7256, 0.4007,
0.3932

52.8180, 0.3204,
0.3357

33.4974, 0.4253,
0.4063

57.6827, 0.3055,
0.3225

30.5664, 0.4505,
0.4169

62.9011, 0.2924,
0.3103

27.9208, 0.4752,
0.4239

68.4812, 0.2809,
0.2990

■ 25.5475, 0.4980,
0.4262

■ 73.7962, 0.2759,
0.2984

■ 23.4314, 0.5175,
0.4231

■ 78.7304, 0.2767,
0.3081

■ 22.4591, 0.5264,
0.4203

■ 83.9142, 0.2775,
0.3177

■ 89.3513, 0.2782,
0.3270

Harmonies

Analogous

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



44.1145, 0.3613, 0.3473



44.1145, 0.3564, 0.3642



44.1145, 0.3396, 0.3723

Triad

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



44.1145, 0.3564, 0.3642



44.1145, 0.2743, 0.3293



44.1145, 0.3079, 0.2936

Complementary

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



44.1145, 0.3564, 0.3642



38.5693, 0.2731, 0.2910

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.



44.1145, 0.2853, 0.2882



44.1145, 0.3564, 0.3642



44.1145, 0.2665, 0.3077

Square

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



44.1145, 0.3564, 0.3642



44.1145, 0.2922, 0.3520



44.1145, 0.2704, 0.2930



44.1145, 0.3326, 0.3075

Rectangle

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



44.1145, 0.3564, 0.3642



44.1145, 0.3243, 0.3709



44.1145, 0.2704, 0.2930



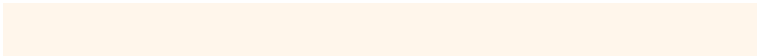
44.1145, 0.2998, 0.2908

Sweetspot

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



44.1165, 0.3564, 0.3642



93.0483, 0.3255, 0.3400



35.4716, 0.3418, 0.3003



19.6462, 0.3280, 0.3421



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.



44.1165, 0.3564, 0.3642



76.0196, 0.3677, 0.3723



53.0034, 0.3479, 0.3912



10.9771, 0.3275, 0.3417



14.6030, 0.5245, 0.4218



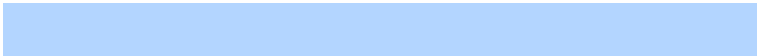
0.7670, 0.4949, 0.4452

Inverse Universe

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



38.5693, 0.2731, 0.2910



64.2603, 0.2640, 0.2814



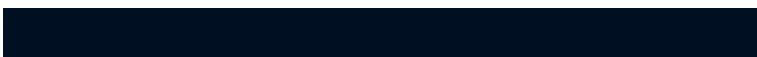
31.2856, 0.2724, 0.2592



10.4761, 0.2984, 0.3160



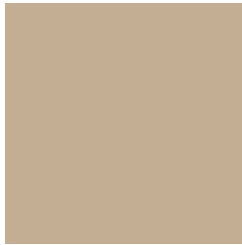
7.2147, 0.1731, 0.1431



0.4491, 0.1852, 0.1865

Previews

White Background



This preview shows how the Yxy color 44.1145, 0.3564, 0.3642 looks on a white background.

Color Contrast Check

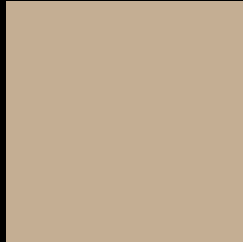
Large Text (above 18pt) WCAG AA × Fail

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 44.1145, 0.3564, 0.3642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

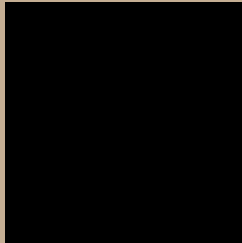
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1145, 0.3564, 0.3642

Background



This preview shows how black text looks on a background with the Yxy color 44.1145, 0.3564, 0.3642.



This preview shows how white text looks on a background with the Yxy color 44.1145, 0.3564, 0.3642.

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

44.1145, 0.3564, 0.3642

Protanopia

44.1472, 0.3462, 0.3677

Deuteranopia

44.2431, 0.3650, 0.3582



Tritanopia

44.0327, 0.3299, 0.3128

Trichromacy



Original Color

44.1145, 0.3564, 0.3642

Protanomaly

44.1359, 0.3493, 0.3661

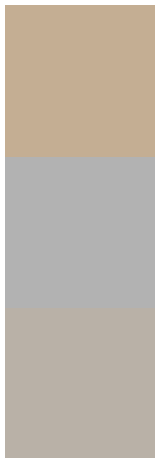
Deuteranomaly

44.1997, 0.3618, 0.3598

Tritanomaly

44.1325, 0.3402, 0.3316

Monochromacy



Original Color

44.1145, 0.3564, 0.3642

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.5486, 0.3281, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1145, 0.3564, 0.3642 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(196, 174, 147)` looks like.

```
.text, #text, p{  
    color:rgb(196, 174, 147)  
}
```

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(196, 174, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 174, 147) }
```

Border

The CSS property to change the border of an element to Yxy 44.1145, 0.3564, 0.3642 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(196, 174, 147) }
```

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

```
.border{ border-color:rgb(196, 174, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 174, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 174, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 174, 147);  
box-shadow:4px 4px 4px 4px rgb(196, 174,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1145, 0.3564, 0.3642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 174, 147) }
```

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

```
.background{ background-color: rgb(196,  
174, 147) }
```

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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