

Converting Colors

$Yxy(45.0375, 0.3442, 0.3398)$

Have a look what the booklet for
Yxy(45.0375, 0.3442, 0.3398)
contains.

Yxy(44.8831, 0.3443, 0.3393)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.8831, 0.3443, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	C8ADA5
RGB	200, 173, 165
RGB Percent	78%, 68%, 65%
CMY	0.2159, 0.3215, 0.3530
CMYK	0.00, 0.13, 0.17, 0.22
HSL	14°, 24%, 72%
HSV	14°, 17%, 78%
XYZ	45.5445, 44.8831, 41.8539
YIQ	180.1610, 18.6600, 3.2360

Conversions

Conversions Part 2

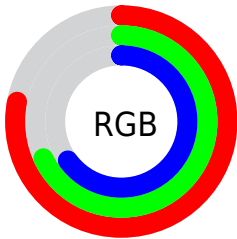
Format	Color
R _Y B	200, 175, 165
Decimal	13151653
CIE Lab	72.81, 8.44, 7.71
CIE LCh	73, 11.432, 42.409
Yxy	44.8831, 0.3443, 0.3393
Android (android.graphics.Color)	4291341733 (0xFFC8ADA5)
YUV	180.1610, -7.4744, 17.3988
Hunter-Lab	66.9949, 4.1071, 9.8560

Details

The Yxy color $44.8831, 0.3443, 0.3393$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $49.8305, 0.2861, 0.3185$, and the grayscale version is $45.7645, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.9141, 0.3370, 0.3371$, and $20.9780, 0.3542, 0.3429$ is the 20% darker color. If you saturate the color by 10%, you get $38.6420, 0.3674, 0.3456$, and if you desaturate by 10%, it is $51.9229, 0.3250, 0.3333$.

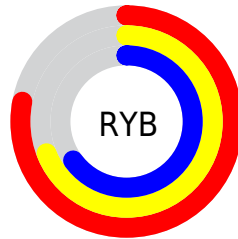
Distribution



Red (78%)

Green (68%)

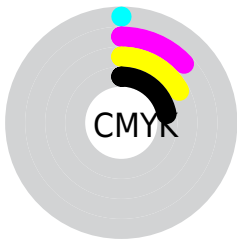
Blue (65%)



Red (78%)

Yellow (69%)

Blue (65%)

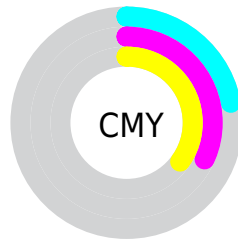


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (32%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8831, 0.3443, 0.3393 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 44.8831, 0.3443, 0.3393 by changing the saturation by 10% instead.

 44.8831, 0.3443,
0.3393

 44.8831, 0.3443,
0.3393


366.2999, 0.3283,
0.3343

 31.3654, 0.3484,
0.3405


 82.5450, 0.3384,
0.3375

 20.8772, 0.3536,
0.3420


 107.4579, 0.3363,
0.3368

 13.0343, 0.3607,
0.3439


136.9380, 0.3344,
0.3363

 7.4522, 0.3706,
0.3465

171.3696, 0.3328,
0.3358

 3.7464, 0.3858,
0.3502

211.1373, 0.3315,
0.3353

 1.5328, 0.4114,
0.3553

256.6253, 0.3303,

 0.3116, 0.6171,

0.3350

0.3829

308.2180, 0.3292,
0.3346

0.0000, 0.0000,
0.0000

44.8831, 0.3443,
0.3393

44.8831, 0.3443,
0.3393

38.6420, 0.3674,
0.3456

51.9229, 0.3250,
0.3333

33.1654, 0.3950,
0.3520

59.7824, 0.3090,
0.3276

28.4252, 0.4272,
0.3579

68.4889, 0.2956,
0.3225

24.3895, 0.4638,
0.3628

78.0671, 0.2844,
0.3177

21.0238, 0.5034,
0.3656

87.8817, 0.2801,
0.3237

■ 18.2907, 0.5432,
0.3653

■ 91.0132, 0.2805,
0.3289

■ 16.1488, 0.5790,
0.3612

■ 14.5495, 0.6067,
0.3535

■ 14.2228, 0.6128,
0.3517

Harmonies

Analogous

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



44.8831, 0.3371, 0.3254



44.8831, 0.3443, 0.3393



44.8831, 0.3427, 0.3510

Triad

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



44.8831, 0.3443, 0.3393



44.8831, 0.3018, 0.3462



44.8831, 0.2924, 0.3018

Complementary

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



44.8831, 0.3443, 0.3393



49.8305, 0.2861, 0.3185

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.



44.8831, 0.2835, 0.3064



44.8831, 0.3443, 0.3393



44.8831, 0.2888, 0.3320

Square

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



44.8831, 0.3443, 0.3393



44.8831, 0.3179, 0.3555



44.8831, 0.2822, 0.3174



44.8831, 0.3069, 0.3041

Rectangle

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



44.8831, 0.3443, 0.3393



44.8831, 0.3370, 0.3559



44.8831, 0.2822, 0.3174



44.8831, 0.2887, 0.3026

Sweetspot

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



44.8851, 0.3443, 0.3393



93.0994, 0.3209, 0.3319



43.0017, 0.3212, 0.2951



19.7259, 0.3221, 0.3323



0.0000, 0.0000, 0.0000



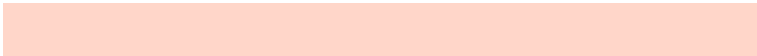
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.8851, 0.3443, 0.3393



73.4671, 0.3526, 0.3417



51.8369, 0.3407, 0.3603



11.0258, 0.3284, 0.3344



9.1621, 0.6105, 0.3535



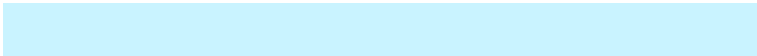
0.5478, 0.5689, 0.3865

Inverse Universe

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



49.8305, 0.2861, 0.3185



83.6192, 0.2804, 0.3159



42.7853, 0.2850, 0.2956



11.6383, 0.2984, 0.3236



17.4969, 0.2039, 0.2538



0.9324, 0.2087, 0.2713

Previews

White Background



This preview shows how the Yxy color 44.8831, 0.3443, 0.3393 looks on a white background.

Color Contrast Check

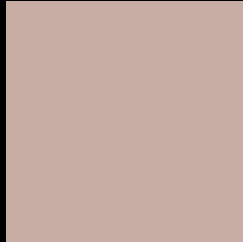
Large Text (above 18pt) WCAG AA × Fail

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 44.8831, 0.3443, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

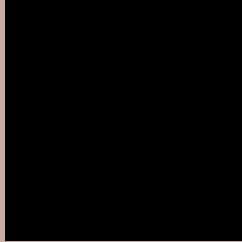
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8831, 0.3443, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 44.8831, 0.3443, 0.3393.



This preview shows how white text looks on a background with the Yxy color 44.8831, 0.3443, 0.3393.

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

44.8831, 0.3443, 0.3393

Protanopia

44.9822, 0.3271, 0.3422

Deuteranopia

45.0213, 0.3453, 0.3392



Tritanopia

44.7667, 0.3299, 0.3117

Trichromacy



Original Color

44.8831, 0.3443, 0.3393

Protanomaly

44.7878, 0.3328, 0.3408

Deuteranomaly

45.0213, 0.3453, 0.3392

Tritanomaly

44.7177, 0.3350, 0.3215

Monochromacy



Original Color

44.8831, 0.3443, 0.3393

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.1042, 0.3232, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8831, 0.3443, 0.3393 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(200, 173, 165)` looks like.

```
.text, #text, p{  
    color:rgb(200, 173, 165)  
}
```

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(200, 173, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 173, 165) }
```

Border

The CSS property to change the border of an element to Yxy 44.8831, 0.3443, 0.3393 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(200, 173, 165) }
```

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

```
.border{ border-color:rgb(200, 173, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 173, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 173, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 173, 165);  
box-shadow:4px 4px 4px 4px rgb(200, 173,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8831, 0.3443, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 173, 165) }
```

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

```
.background{ background-color: rgb(200,  
173, 165) }
```

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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