

Converting Colors

$Yxy(47.8022, 0.3342, 0.3445)$

Have a look what the booklet for
Yxy(47.8022, 0.3342, 0.3445)
contains.

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Color

Yxy(47.9603, 0.3338, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	C3B6AA
RGB	195, 182, 170
RGB Percent	76%, 71%, 67%
CMY	0.2351, 0.2863, 0.3333
CMYK	0.00, 0.07, 0.13, 0.24
HSL	29°, 17%, 72%
HSV	29°, 13%, 76%
XYZ	46.4977, 47.9603, 44.8400
YIQ	184.5190, 11.6000, -0.9760

Conversions

Conversions Part 2

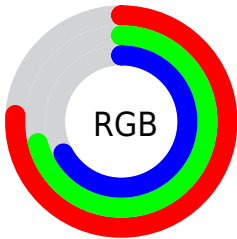
Format	Color
RYB	195, 193, 170
Decimal	12826282
CIELab	74.80, 2.60, 7.75
CIELCh	75, 8.176, 71.493
Yxy	47.9603, 0.3338, 0.3443
Android (android.graphics.Color)	4291016362 (0xFFC3B6AA)
YUV	184.5190, -7.1579, 9.1918
Hunter-Lab	69.2534, -1.3460, 10.0884

Details

The Yxy color **47.9603, 0.3338, 0.3443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.3801, 0.2929, 0.3132**, and the grayscale version is **48.2743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2808, 0.3303, 0.3420**, and **22.6712, 0.3394, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **43.2636, 0.3530, 0.3569**, and if you desaturate by 10%, it is **53.0732, 0.3171, 0.3323**.

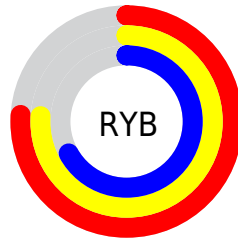
Distribution



Red (76%)

Green (71%)

Blue (67%)



Red (76%)

Yellow (76%)

Blue (67%)

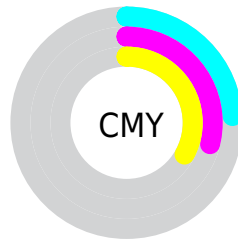


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (29%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9603, 0.3338, 0.3443 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 47.9603, 0.3338, 0.3443 by changing the saturation by 10% instead.

 47.9603, 0.3338,
0.3443

 47.9603, 0.3338,
0.3443


378.6347, 0.3233,
0.3367

 33.7954, 0.3364,
0.3462


 87.1453, 0.3300,
0.3416

 22.7365, 0.3398,
0.3485


112.9342, 0.3285,
0.3405

 14.3991, 0.3443,
0.3517


143.3666, 0.3273,
0.3397

 8.3987, 0.3505,
0.3560

178.8269, 0.3263,
0.3389

 4.3511, 0.3598,
0.3623

219.6995, 0.3254,
0.3383

 1.8719, 0.3751,
0.3724

266.3687, 0.3246,

 0.5314, 0.5002,

0.3377

0.4676

319.2190, 0.3239,
0.3372

0.0000, 0.0000,
0.0000

47.9603, 0.3338,
0.3443

47.9603, 0.3338,
0.3443

43.2636, 0.3530,
0.3569

53.0732, 0.3171,
0.3323

38.9656, 0.3747,
0.3699

58.6066, 0.3025,
0.3210

35.0566, 0.3989,
0.3826

64.5728, 0.2899,
0.3106

31.5242, 0.4255,
0.3943

70.9819, 0.2789,
0.3010

28.3551, 0.4535,
0.4039

77.0098, 0.2759,
0.3050

■ 25.5351, 0.4819,
0.4102

■ 82.9282, 0.2768,
0.3161

■ 23.0487, 0.5089,
0.4121

■ 89.1836, 0.2777,
0.3270

■ 20.8782, 0.5325,
0.4085

■ 90.3477, 0.2779,
0.3289

■ 19.5000, 0.5475,
0.4035

Harmonies

Analogous

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



47.9603, 0.3347, 0.3361



47.9603, 0.3338, 0.3443



47.9603, 0.3272, 0.3486

Triad

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



47.9603, 0.3338, 0.3443



47.9603, 0.2961, 0.3315



47.9603, 0.3084, 0.3113

Complementary

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



47.9603, 0.3338, 0.3443



46.3801, 0.2929, 0.3132

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.



47.9603, 0.2982, 0.3099



47.9603, 0.3338, 0.3443



47.9603, 0.2913, 0.3213

Square

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



47.9603, 0.3338, 0.3443



47.9603, 0.3054, 0.3412



47.9603, 0.2920, 0.3134



47.9603, 0.3198, 0.3173

Rectangle

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



47.9603, 0.3338, 0.3443



47.9603, 0.3205, 0.3485



47.9603, 0.2920, 0.3134



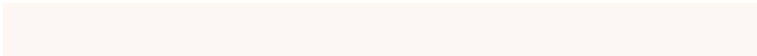
47.9603, 0.3047, 0.3103

Sweetspot

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



47.9624, 0.3338, 0.3443



93.8467, 0.3190, 0.3337



43.7939, 0.3241, 0.3121



20.3937, 0.3202, 0.3346



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.



47.9624, 0.3338, 0.3443



83.7775, 0.3382, 0.3473



53.1861, 0.3318, 0.3593



10.8555, 0.3277, 0.3400



12.8344, 0.5454, 0.4052



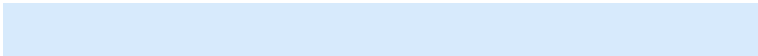
0.6925, 0.5101, 0.4332

Inverse Universe

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



46.3801, 0.2929, 0.3132



80.4709, 0.2892, 0.3100



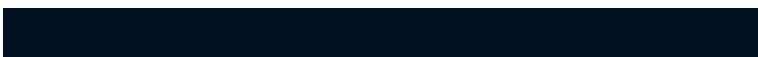
41.5552, 0.2925, 0.2967



10.5973, 0.2984, 0.3177



8.8629, 0.1796, 0.1667



0.5203, 0.1905, 0.2059

Previews

White Background



This preview shows how the Yxy color 47.9603, 0.3338, 0.3443 looks on a white background.

Color Contrast Check

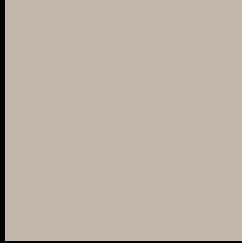
Large Text (above 18pt) WCAG AA × Fail

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 47.9603, 0.3338, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

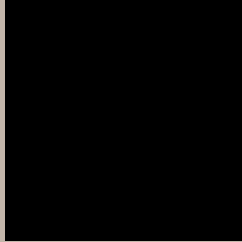
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9603, 0.3338, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 47.9603, 0.3338, 0.3443.



This preview shows how white text looks on a background with the Yxy color 47.9603, 0.3338, 0.3443.

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

47.9603, 0.3338, 0.3443

Protanopia

47.8836, 0.3293, 0.3445

Deuteranopia

48.0465, 0.3444, 0.3377



Tritanopia

48.0962, 0.3178, 0.3117

Trichromacy



Original Color

47.9603, 0.3338, 0.3443

Protanomaly

48.0137, 0.3301, 0.3444

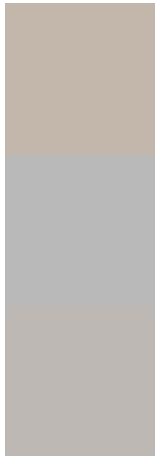
Deuteranomaly

47.8770, 0.3406, 0.3390

Tritanomaly

48.0156, 0.3234, 0.3228

Monochromacy



Original Color

47.9603, 0.3338, 0.3443

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.3951, 0.3201, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9603, 0.3338, 0.3443 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(195, 182, 170)` looks like.

```
.text, #text, p{  
    color:rgb(195, 182, 170)  
}
```

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(195, 182, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 182, 170) }
```

Border

The CSS property to change the border of an element to Yxy 47.9603, 0.3338, 0.3443 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(195, 182, 170) }
```

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

```
.border{ border-color:rgb(195, 182, 170) }
```

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

Here you see how a box with a 4 pixel rgb(195, 182, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 182, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 182, 170);  
box-shadow:4px 4px 4px 4px rgb(195, 182,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9603, 0.3338, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 182, 170) }
```

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

```
.background{ background-color: rgb(195,  
182, 170) }
```

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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