

Converting Colors

Yxy(51.4985, 0.3312, 0.3465)

Have a look what the booklet for
Yxy(51.4985, 0.3312, 0.3465)
contains.

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Color

Yxy(51.4961, 0.3312, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	C6BDAF
RGB	198, 189, 175
RGB Percent	78%, 74%, 69%
CMY	0.2236, 0.2588, 0.3137
CMYK	0.00, 0.05, 0.12, 0.22
HSL	37°, 17%, 73%
HSV	37°, 12%, 78%
XYZ	49.2222, 51.4961, 47.8995
YIQ	190.0950, 9.8580, -2.4460

Conversions

Conversions Part 2

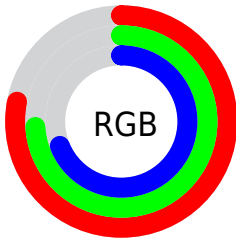
Format	Color
RYB	190, 198, 175
Decimal	13024687
CIELab	76.98, 0.75, 8.20
CIELCh	77, 8.234, 84.746
Yxy	51.4961, 0.3312, 0.3465
Android (android.graphics.Color)	4291214767 (0xFFC6BDAF)
YUV	190.0950, -7.4418, 6.9327
Hunter-Lab	71.7608, -3.1444, 10.6571

Details

The Yxy color **51.4961, 0.3312, 0.3465** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4633, 0.2948, 0.3109**, and the grayscale version is **51.5900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3343, 0.3278, 0.3427**, and **24.9677, 0.3357, 0.3509** is the 20% darker color. If you saturate the color by 10%, you get **47.5364, 0.3491, 0.3623**, and if you desaturate by 10%, it is **55.7519, 0.3151, 0.3314**.

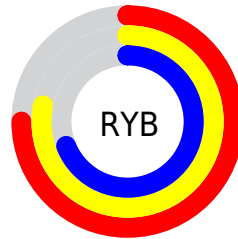
Distribution



Red (78%)

Green (74%)

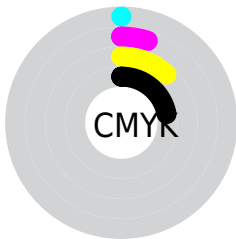
Blue (69%)



Red (75%)

Yellow (78%)

Blue (69%)

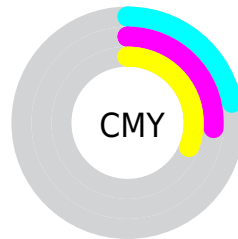


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (22%)



Cyan (22%)


Magenta (26%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4961, 0.3312, 0.3465 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 51.4961, 0.3312, 0.3465 by changing the saturation by 10% instead.

 51.4961, 0.3312,
0.3465

 51.4961, 0.3312,
0.3465


392.4882, 0.3221,
0.3379

 36.6036, 0.3334,
0.3486


 92.3877, 0.3279,
0.3434

 24.9007, 0.3363,
0.3513


119.1555, 0.3267,
0.3422

 16.0031, 0.3400,
0.3548


150.6506, 0.3256,
0.3413

 9.5263, 0.3452,
0.3596

187.2573, 0.3247,
0.3404

 5.0861, 0.3527,
0.3666

229.3600, 0.3239,
0.3397

 2.2978, 0.3647,
0.3776

277.3431, 0.3233,

 0.7726, 0.4197,

0.3390

0.4308

331.5910, 0.3226,
0.3384

0.0000, 0.0000,
0.0000

51.4961, 0.3312,
0.3465

51.4961, 0.3312,
0.3465

47.5364, 0.3491,
0.3623

55.7519, 0.3151,
0.3314

43.8585, 0.3688,
0.3785

60.3044, 0.3009,
0.3171

40.4563, 0.3901,
0.3944

65.1628, 0.2882,
0.3039

37.3213, 0.4126,
0.4093

70.3338, 0.2770,
0.2917

34.4443, 0.4356,
0.4221

74.5398, 0.2772,
0.2995

■ 31.8151, 0.4581,
0.4316

■ 78.8841, 0.2778,
0.3080

■ 29.4227, 0.4789,
0.4368

■ 83.4213, 0.2785,
0.3164

■ 27.2540, 0.4968,
0.4369

■ 88.1536, 0.2791,
0.3246

■ 25.5910, 0.5096,
0.4336

■ 90.7449, 0.2794,
0.3289

Harmonies

Analogous

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



51.4961, 0.3347, 0.3399



51.4961, 0.3312, 0.3465



51.4961, 0.3227, 0.3485

Triad

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



51.4961, 0.3312, 0.3465



51.4961, 0.2937, 0.3269



51.4961, 0.3134, 0.3137

Complementary

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



51.4961, 0.3312, 0.3465



47.4633, 0.2948, 0.3109

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.



51.4961, 0.3025, 0.3102



51.4961, 0.3312, 0.3465



51.4961, 0.2912, 0.3176

Square

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



51.4961, 0.3312, 0.3465



51.4961, 0.3011, 0.3371



51.4961, 0.2945, 0.3116



51.4961, 0.3243, 0.3211

Rectangle

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



51.4961, 0.3312, 0.3465



51.4961, 0.3155, 0.3468



51.4961, 0.2945, 0.3116



51.4961, 0.3096, 0.3120

Sweetspot

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



51.4984, 0.3312, 0.3465



97.6248, 0.3173, 0.3335



46.1317, 0.3255, 0.3175



20.7616, 0.3186, 0.3347



0.0000, 0.0000, 0.0000



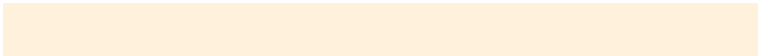
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4984, 0.3312, 0.3465



89.3314, 0.3357, 0.3506



55.1749, 0.3280, 0.3575



11.6943, 0.3275, 0.3431



16.8141, 0.5081, 0.4348



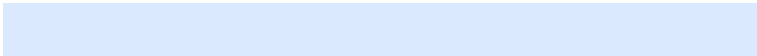
0.9341, 0.4849, 0.4532

Inverse Universe

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



47.4633, 0.2948, 0.3109



80.7453, 0.2906, 0.3065



44.1167, 0.2965, 0.2992



10.9559, 0.2983, 0.3145



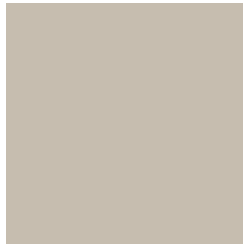
6.2918, 0.1681, 0.1252



0.4382, 0.1799, 0.1677

Previews

White Background



This preview shows how the Yxy color 51.4961, 0.3312, 0.3465 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 51.4961, 0.3312, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

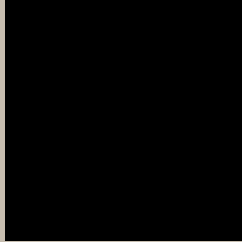
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

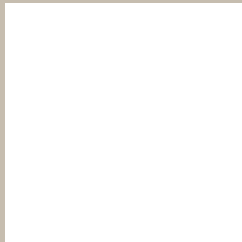
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4961, 0.3312, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 51.4961, 0.3312, 0.3465.



This preview shows how white text looks on a background with the Yxy color 51.4961, 0.3312, 0.3465.

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

51.4961, 0.3312, 0.3465

Protanopia

51.3607, 0.3303, 0.3465

Deuteranopia

51.2977, 0.3454, 0.3375



Tritanopia

51.2856, 0.3144, 0.3109

Trichromacy



Original Color

51.4961, 0.3312, 0.3465

Protanomaly

51.3607, 0.3303, 0.3465

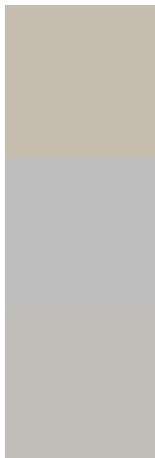
Deuteranomaly

51.2424, 0.3397, 0.3400

Tritanomaly

51.1588, 0.3205, 0.3229

Monochromacy



Original Color

51.4961, 0.3312, 0.3465

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6672, 0.3190, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4961, 0.3312, 0.3465 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, 189, 175)` looks like.

```
.text, #text, p{  
    color:rgb(198, 189, 175)  
}
```

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, 189, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 189, 175) }
```

Border

The CSS property to change the border of an element to Yxy 51.4961, 0.3312, 0.3465 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, 189, 175) }
```

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

```
.border{ border-color:rgb(198, 189, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 189, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 189, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 189, 175);  
box-shadow:4px 4px 4px 4px rgb(198, 189,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4961, 0.3312, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 189, 175) }
```

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

```
.background{ background-color: rgb(198,  
189, 175) }
```

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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