

Converting Colors

Yxy(50.1789, 0.3330, 0.3396)

Have a look what the booklet for
Yxy(50.1789, 0.3330, 0.3396)
contains.

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Color

Yxy(50.2500, 0.3336, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	C9B9B0
RGB	201, 185, 176
RGB Percent	79%, 73%, 69%
CMY	0.2117, 0.2745, 0.3098
CMYK	0.00, 0.08, 0.12, 0.21
HSL	22°, 19%, 74%
HSV	22°, 12%, 79%
XYZ	49.2751, 50.2500, 48.1821
YIQ	188.7580, 12.4250, 0.5930

Conversions

Conversions Part 2

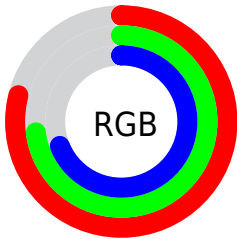
Format	Color
R_{YB}	201, 190, 176
Decimal	13220272
CIE _{Lab}	76.22, 4.16, 6.60
CIE _{LCh}	76, 7.797, 57.786
Yxy	50.2500, 0.3336, 0.3402
Android (android.graphics.Color)	4291410352 (0xFFC9B9B0)
YUV	188.7580, -6.2897, 10.7362
Hunter-Lab	70.8872, 0.0263, 9.3216

Details

The Yxy color $50.2500, 0.3336, 0.3402$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.1565, 0.2936, 0.3175$, and the grayscale version is $50.7767, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.9968, 0.3276, 0.3379$, and $24.1608, 0.3391, 0.3424$ is the 20% darker color. If you saturate the color by 10%, you get $44.3703, 0.3537, 0.3498$, and if you desaturate by 10%, it is $56.7396, 0.3165, 0.3311$.

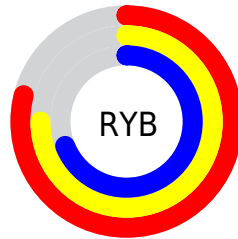
Distribution



Red (79%)

Green (73%)

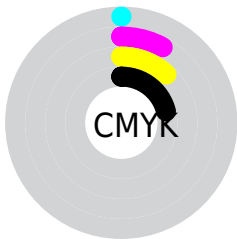
Blue (69%)



Red (79%)

Yellow (75%)

Blue (69%)

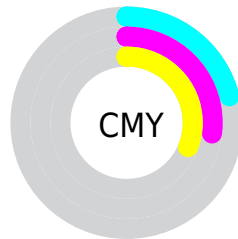


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (21%)



Cyan (21%)


Magenta (27%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2500, 0.3336, 0.3402 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 50.2500, 0.3336, 0.3402 by changing the saturation by 10% instead.


 50.2500, 0.3336,
0.3402

 50.2500, 0.3336,
0.3402


387.6428, 0.3232,
0.3347

 35.6121, 0.3362,
0.3415


 90.5452, 0.3299,
0.3382

 24.1347, 0.3394,
0.3432


116.9712, 0.3284,
0.3375

 15.4336, 0.3438,
0.3454


148.0954, 0.3272,
0.3369

 9.1243, 0.3498,
0.3483

184.3022, 0.3262,
0.3363

 4.8223, 0.3586,
0.3526

225.9759, 0.3253,
0.3359

 2.1434, 0.3730,
0.3593

273.5010, 0.3246,

 0.6889, 0.4361,

0.3354

0.3973

327.2618, 0.3239,
0.3351

0.0000, 0.0000,
0.0000

50.2500, 0.3336,
0.3402

50.2500, 0.3336,
0.3402

44.3703, 0.3537,
0.3498

56.7396, 0.3165,
0.3311

39.0757, 0.3770,
0.3597

63.8497, 0.3019,
0.3227

34.3496, 0.4039,
0.3694

71.5990, 0.2895,
0.3149

30.1719, 0.4342,
0.3782

79.9118, 0.2797,
0.3092

26.5213, 0.4672,
0.3851

87.6137, 0.2807,
0.3230

■ 23.3749, 0.5014,
0.3890

■ 91.1586, 0.2811,
0.3289

■ 20.7077, 0.5344,
0.3885

■ 18.4921, 0.5633,
0.3830

■ 17.0907, 0.5818,
0.3763

Harmonies

Analogous

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



50.2500, 0.3318, 0.3315



50.2500, 0.3336, 0.3402



50.2500, 0.3297, 0.3461

Triad

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



50.2500, 0.3336, 0.3402



50.2500, 0.3007, 0.3358



50.2500, 0.3040, 0.3112

Complementary

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



50.2500, 0.3336, 0.3402



51.1565, 0.2936, 0.3175

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.



50.2500, 0.2959, 0.3120



50.2500, 0.3336, 0.3402



50.2500, 0.2940, 0.3260

Square

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



50.2500, 0.3336, 0.3402



50.2500, 0.3107, 0.3437



50.2500, 0.2923, 0.3174



50.2500, 0.3145, 0.3150

Rectangle

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



50.2500, 0.3336, 0.3402



50.2500, 0.3245, 0.3476



50.2500, 0.2923, 0.3174



50.2500, 0.3009, 0.3109

Sweetspot

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



50.2522, 0.3336, 0.3402



95.2634, 0.3191, 0.3326



47.2914, 0.3213, 0.3091



20.2038, 0.3203, 0.3332



0.0000, 0.0000, 0.0000



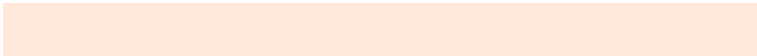
21.4041, 0.3127, 0.3290

Same Dimension

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



50.2522, 0.3336, 0.3402



83.1323, 0.3389, 0.3428



55.6038, 0.3317, 0.3550



11.2509, 0.3281, 0.3374



10.9039, 0.5792, 0.3783



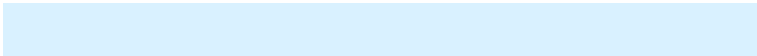
0.6534, 0.5391, 0.4101

Inverse Universe

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



51.1565, 0.2936, 0.3175



84.9888, 0.2893, 0.3148



45.9953, 0.2933, 0.3016



11.4011, 0.2984, 0.3205



12.6549, 0.1911, 0.2079



0.7328, 0.1989, 0.2361

Previews

White Background



This preview shows how the Yxy color 50.2500, 0.3336, 0.3402 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 50.2500, 0.3336, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

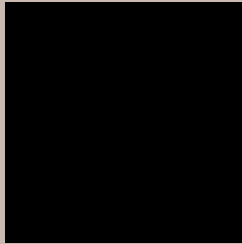
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2500, 0.3336, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 50.2500, 0.3336, 0.3402.



This preview shows how white text looks on a background with the Yxy color 50.2500, 0.3336, 0.3402.

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

50.2500, 0.3336, 0.3402

Protanopia

50.1843, 0.3265, 0.3416

Deuteranopia

50.3319, 0.3412, 0.3351



Tritanopia

50.2788, 0.3203, 0.3121

Trichromacy



Original Color

50.2500, 0.3336, 0.3402

Protanomaly

50.1625, 0.3292, 0.3403

Deuteranomaly

50.3067, 0.3384, 0.3364

Tritanomaly

50.2376, 0.3250, 0.3217

Monochromacy



Original Color

50.2500, 0.3336, 0.3402

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.7646, 0.3200, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2500, 0.3336, 0.3402 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(201, 185, 176)` looks like.

```
.text, #text, p{  
    color:rgb(201, 185, 176)  
}
```

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(201, 185, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 185, 176) }
```

Border

The CSS property to change the border of an element to Yxy 50.2500, 0.3336, 0.3402 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(201, 185, 176) }
```

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

```
.border{ border-color:rgb(201, 185, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 185, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 185, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 185, 176);  
box-shadow:4px 4px 4px 4px rgb(201, 185,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2500, 0.3336, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 185, 176) }
```

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

```
.background{ background-color: rgb(201,  
185, 176) }
```

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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