

Converting Colors

$Yxy(50.7051, 0.3333, 0.3394)$

Have a look what the booklet for
Yxy(50.7051, 0.3333, 0.3394)
contains.

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Color

Yxy(50.8487, 0.3335, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	CABAB1
RGB	202, 186, 177
RGB Percent	79%, 73%, 69%
CMY	0.2079, 0.2705, 0.3060
CMYK	0.00, 0.08, 0.12, 0.21
HSL	22°, 19%, 74%
HSV	22°, 12%, 79%
XYZ	49.8473, 50.8487, 48.7711
YIQ	189.7580, 12.4250, 0.5930

Conversions

Conversions Part 2

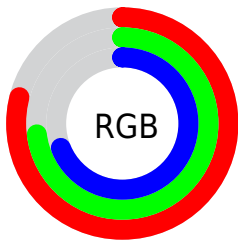
Format	Color
R_{YB}	202, 191, 177
Decimal	13286065
CIE Lab	76.59, 4.13, 6.61
CIE LCh	77, 7.794, 57.975
Yxy	50.8487, 0.3335, 0.3402
Android (android.graphics.Color)	4291476145 (0xFFCABAB1)
YUV	189.7580, -6.2897, 10.7362
Hunter-Lab	71.3083, -0.0110, 9.3646

Details

The Yxy color $50.8487, 0.3335, 0.3402$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.7282, 0.2937, 0.3175$, and the grayscale version is $51.3772, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.6475, 0.3269, 0.3378$, and $24.5262, 0.3400, 0.3440$ is the 20% darker color. If you saturate the color by 10%, you get $44.9103, 0.3535, 0.3498$, and if you desaturate by 10%, it is $57.4018, 0.3164, 0.3311$.

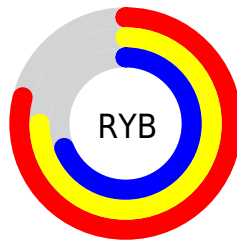
Distribution



Red (79%)

Green (73%)

Blue (69%)



Red (79%)

Yellow (75%)

Blue (69%)

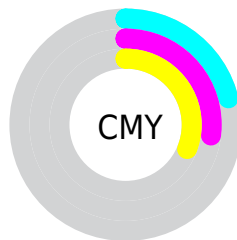


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (21%)



Cyan (21%)


Magenta (27%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8487, 0.3335, 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 50.8487, 0.3335, 0.3402 by changing the saturation by 10% instead.


 50.8487, 0.3335,
0.3402

 50.8487, 0.3335,
0.3402

389.9757, 0.3232,
0.3348

 36.0882, 0.3360,
0.3415


 91.4311, 0.3298,
0.3383

 24.5023, 0.3393,
0.3432

118.0218, 0.3284,
0.3375

 15.7067, 0.3436,
0.3453


149.3247, 0.3272,
0.3369

 9.3168, 0.3495,
0.3483

185.7241, 0.3262,
0.3363

 4.9484, 0.3582,
0.3525

227.6045, 0.3253,
0.3359

 2.2170, 0.3723,
0.3591

275.3504, 0.3245,

 0.7293, 0.4280,

0.3355

0.3931

329.3459, 0.3238,
0.3351

0.0000, 0.0000,
0.0000

50.8487, 0.3335,
0.3402

50.8487, 0.3335,
0.3402

44.9103, 0.3535,
0.3498

57.4018, 0.3164,
0.3311

39.5617, 0.3769,
0.3598

64.5802, 0.3018,
0.3226

34.7861, 0.4037,
0.3695

72.4028, 0.2894,
0.3148

30.5632, 0.4339,
0.3784

80.7055, 0.2804,
0.3105

26.8718, 0.4669,
0.3854

88.4746, 0.2813,
0.3242

■ 23.6886, 0.5010,
0.3893

■ 91.2947, 0.2816,
0.3289

■ 20.9886, 0.5339,
0.3888

■ 18.7441, 0.5628,
0.3833

■ 17.3137, 0.5814,
0.3766

Harmonies

Analogous

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



50.8487, 0.3317, 0.3315



50.8487, 0.3335, 0.3402



50.8487, 0.3296, 0.3461

Triad

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



50.8487, 0.3335, 0.3402



50.8487, 0.3007, 0.3357



50.8487, 0.3041, 0.3113

Complementary

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



50.8487, 0.3335, 0.3402



51.7282, 0.2937, 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.



50.8487, 0.2960, 0.3121



50.8487, 0.3335, 0.3402



50.8487, 0.2941, 0.3260

Square

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



50.8487, 0.3335, 0.3402



50.8487, 0.3106, 0.3436



50.8487, 0.2924, 0.3174



50.8487, 0.3146, 0.3151

Rectangle

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



50.8487, 0.3335, 0.3402



50.8487, 0.3244, 0.3475



50.8487, 0.2924, 0.3174



50.8487, 0.3010, 0.3110

Sweetspot

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



50.8509, 0.3335, 0.3402



95.2732, 0.3191, 0.3326



47.8516, 0.3213, 0.3092



20.2063, 0.3203, 0.3332



0.0000, 0.0000, 0.0000



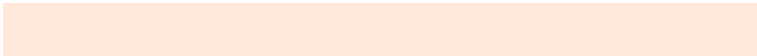
21.4041, 0.3127, 0.3290

Same Dimension

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



50.8509, 0.3335, 0.3402



83.1655, 0.3388, 0.3429



56.2242, 0.3316, 0.3549



11.8659, 0.3281, 0.3374



11.2977, 0.5790, 0.3785



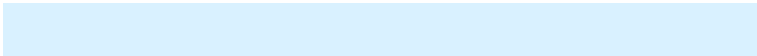
0.7260, 0.5416, 0.4082

Inverse Universe

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



51.7282, 0.2937, 0.3175



84.9535, 0.2893, 0.3147



46.5466, 0.2934, 0.3017



12.0189, 0.2983, 0.3204



13.0282, 0.1909, 0.2072



0.8129, 0.1983, 0.2337

Previews

White Background



This preview shows how the Yxy color 50.8487, 0.3335, 0.3402 looks on a white background.

Color Contrast Check

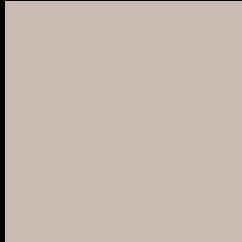
Large Text (above 18pt) WCAG AA × Fail

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 50.8487, 0.3335, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

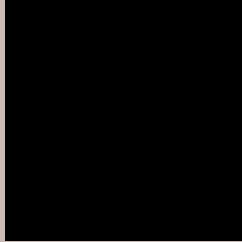
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8487, 0.3335, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 50.8487, 0.3335, 0.3402.



This preview shows how white text looks on a background with the Yxy color 50.8487, 0.3335, 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

50.8487, 0.3335, 0.3402

Protanopia

50.7829, 0.3264, 0.3416

Deuteranopia

50.9302, 0.3411, 0.3351



Tritanopia

50.8773, 0.3203, 0.3122

Trichromacy



Original Color

50.8487, 0.3335, 0.3402

Protanomaly

50.7608, 0.3291, 0.3403

Deuteranomaly

50.9052, 0.3382, 0.3364

Tritanomaly

50.8361, 0.3249, 0.3218

Monochromacy



Original Color

50.8487, 0.3335, 0.3402

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3673, 0.3199, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8487, 0.3335, 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(202, 186, 177)` looks like.

```
.text, #text, p{  
    color:rgb(202, 186, 177)  
}
```

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(202, 186, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 186, 177) }
```

Border

The CSS property to change the border of an element to Yxy 50.8487, 0.3335, 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(202, 186, 177) }
```

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

```
.border{ border-color:rgb(202, 186, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 186, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 186, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 186, 177); box-shadow:4px 4px 4px 4px rgb(202, 186, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8487, 0.3335, 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(202, 186, 177) }
```

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

```
.background{ background-color: rgb(202,  
186, 177) }
```

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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