

Converting Colors

Yxy(50.4723, 0.3200, 0.3327)

Have a look what the booklet for
Yxy(50.4723, 0.3200, 0.3327)
contains.

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Color

Yxy(50.3388, 0.3201, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	C1BBB8
RGB	193, 187, 184
RGB Percent	76%, 73%, 72%
CMY	0.2430, 0.2667, 0.2785
CMYK	0.00, 0.03, 0.05, 0.24
HSL	20°, 7%, 74%
HSV	20°, 5%, 76%
XYZ	48.4178, 50.3388, 52.5018
YIQ	188.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

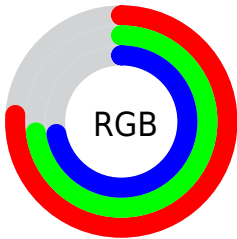
Format	Color
R _Y B	193, 189, 184
Decimal	12696504
CIE Lab	76.28, 1.58, 2.27
CIE LCh	76, 2.762, 55.119
Yxy	50.3388, 0.3201, 0.3328
Android (android.graphics.Color)	4290886584 (0xFFC1BBB8)
YUV	188.4520, -2.1948, 3.9886
Hunter-Lab	70.9498, -2.3497, 5.7912

Details

The Yxy color **50.3388, 0.3201, 0.3328** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8719, 0.3056, 0.3252**, and the grayscale version is **50.5731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5322, 0.3185, 0.3320**, and **24.2643, 0.3227, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **44.3688, 0.3379, 0.3413**, and if you desaturate by 10%, it is **56.9129, 0.3050, 0.3249**.

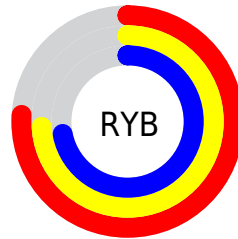
Distribution



Red (76%)

Green (73%)

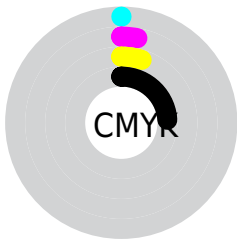
Blue (72%)



Red (76%)

Yellow (74%)

Blue (72%)

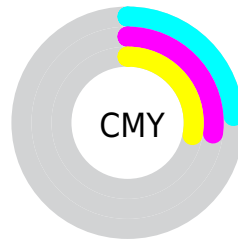


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3388, 0.3201, 0.3328 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 50.3388, 0.3201, 0.3328 by changing the saturation by 10% instead.

■ 50.3388, 0.3201,
0.3328

■ 50.3388, 0.3201,
0.3328

387.9894, 0.3165,
0.3309

■ 35.6827, 0.3210,
0.3333

■ 90.6767, 0.3188,
0.3321

■ 24.1892, 0.3221,
0.3338

117.1272, 0.3183,
0.3319

■ 15.4740, 0.3237,
0.3346

148.2779, 0.3179,
0.3317

■ 9.1528, 0.3258,
0.3356

184.5134, 0.3175,
0.3315

■ 4.8410, 0.3289,
0.3372

226.2178, 0.3172,
0.3313

■ 2.1542, 0.3339,
0.3396

273.7757, 0.3169,

■ 0.6949, 0.3509,

0.3312

0.3488

327.5714, 0.3167,
0.3311

0.0000, 0.0000,
0.0000

50.3388, 0.3201,
0.3328

50.3388, 0.3201,
0.3328

44.3688, 0.3379,
0.3413

56.9129, 0.3050,
0.3249

38.9790, 0.3589,
0.3503

64.1009, 0.2922,
0.3175

34.1537, 0.3833,
0.3595

71.9210, 0.2813,
0.3108

29.8737, 0.4115,
0.3683

79.9829, 0.2753,
0.3111

26.1190, 0.4433,
0.3762

87.7650, 0.2765,
0.3250

■ 22.8680, 0.4777,
0.3820

■ 90.0811, 0.2768,
0.3289

■ 20.0976, 0.5131,
0.3845

■ 17.7825, 0.5466,
0.3826

■ 15.8945, 0.5750,
0.3758

Harmonies

Analogous

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



50.3388, 0.3193, 0.3297



50.3388, 0.3201, 0.3328



50.3388, 0.3189, 0.3350

Triad

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



50.3388, 0.3201, 0.3328



50.3388, 0.3088, 0.3317



50.3388, 0.3093, 0.3226

Complementary

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



50.3388, 0.3201, 0.3328



50.8719, 0.3056, 0.3252

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.



50.3388, 0.3065, 0.3231



50.3388, 0.3201, 0.3328



50.3388, 0.3062, 0.3283

Square

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



50.3388, 0.3201, 0.3328



50.3388, 0.3124, 0.3343



50.3388, 0.3054, 0.3252



50.3388, 0.3130, 0.3238

Rectangle

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



50.3388, 0.3201, 0.3328



50.3388, 0.3172, 0.3355



50.3388, 0.3054, 0.3252



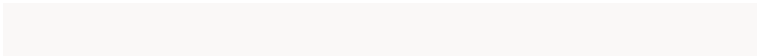
50.3388, 0.3083, 0.3226

Sweetspot

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



50.3410, 0.3201, 0.3328



94.3246, 0.3143, 0.3298



49.3332, 0.3156, 0.3215



20.2485, 0.3142, 0.3298



97.7402, 0.3127, 0.3290



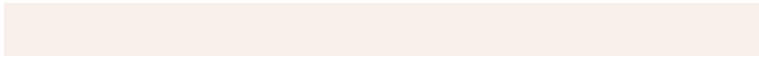
20.4902, 0.3127, 0.3290

Same Dimension

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



50.3410, 0.3201, 0.3328



88.5624, 0.3224, 0.3340



52.2899, 0.3197, 0.3384



10.9961, 0.3232, 0.3344



10.1383, 0.5859, 0.3730



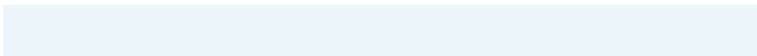
0.5664, 0.5419, 0.4079

Inverse Universe

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



50.8719, 0.3056, 0.3252



89.7870, 0.3034, 0.3240



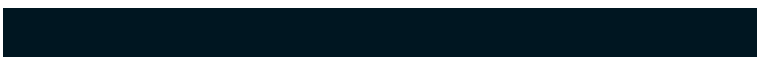
48.9432, 0.3057, 0.3194



11.1602, 0.3027, 0.3236



13.0951, 0.1937, 0.2174



0.6882, 0.2015, 0.2452

Previews

White Background



This preview shows how the Yxy color 50.3388, 0.3201, 0.3328 looks on a white background.

Color Contrast Check

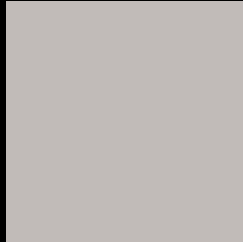
Large Text (above 18pt) WCAG AA × Fail

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 50.3388, 0.3201, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

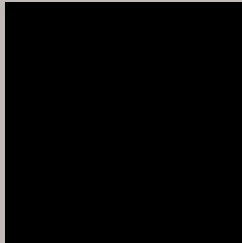
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

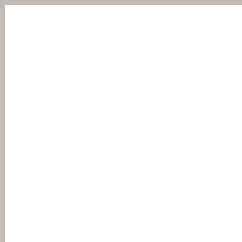
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3388, 0.3201, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 50.3388, 0.3201, 0.3328.



This preview shows how white text looks on a background with the Yxy color 50.3388, 0.3201, 0.3328.

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

50.3388, 0.3201, 0.3328

Protanopia

50.2078, 0.3192, 0.3328

Deuteranopia

50.2241, 0.3319, 0.3254



Tritanopia

50.4235, 0.3102, 0.3118

Trichromacy



Original Color

50.3388, 0.3201, 0.3328

Protanomaly

50.2078, 0.3192, 0.3328

Deuteranomaly

50.3403, 0.3273, 0.3278

Tritanomaly

50.4822, 0.3132, 0.3191

Monochromacy



Original Color

50.3388, 0.3201, 0.3328

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.5014, 0.3151, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3388, 0.3201, 0.3328 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(193, 187, 184)` looks like.

```
.text, #text, p{  
    color:rgb(193, 187, 184)  
}
```

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(193, 187, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 187, 184) }
```

Border

The CSS property to change the border of an element to Yxy 50.3388, 0.3201, 0.3328 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(193, 187, 184) }
```

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

```
.border{ border-color:rgb(193, 187, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 187, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 187, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 187, 184);  
box-shadow:4px 4px 4px 4px rgb(193, 187,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3388, 0.3201, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 187, 184) }
```

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

```
.background{ background-color: rgb(193,  
187, 184) }
```

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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