

Converting Colors

$Yxy(50.0177, 0.3172, 0.3228)$

Have a look what the booklet for
Yxy(50.0177, 0.3172, 0.3228)
contains.

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Color

Yxy(50.0177, 0.3172, 0.3228)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C3B9BE |
| RGB | 195, 185, 190 |
| RGB Percent | 76%, 73%, 75% |
| CMY | 0.2353, 0.2745, 0.2549 |
| CMYK | 0.00, 0.05, 0.03, 0.24 |
| HSL | 330°, 8%, 75% |
| HSV | 330°, 5%, 76% |
| XYZ | 49.1500, 50.0177, 55.7818 |
| YIQ | 188.5600, 4.3550, 3.6750 |

Conversions

Conversions Part 2

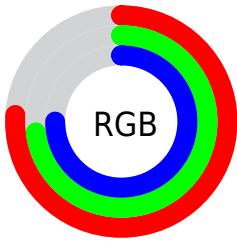
| Format | Color |
|-------------------------------------|--|
| RYB | 195, 185, 190 |
| Decimal | 12827070 |
| CIELab | 76.08, 4.43, -1.27 |
| CIElCh | 76, 4.609, 343.962 |
| Yxy | 50.0177, 0.3172, 0.3228 |
| Android (android.graphics.Color) | 4291017150 (0xFFC3B9BE) |
| YUV | 188.5600, 0.7099, 5.6479 |
| Hunter-Lab | 70.7232, 0.2853, 2.7422 |

Details

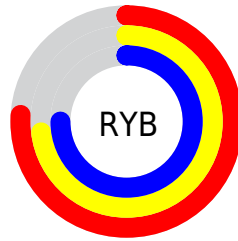
The Yxy color $50.0177, 0.3172, 0.3228$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.0648, 0.3085, 0.3353$, and the grayscale version is $50.6201, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2599, 0.3169, 0.3241$, and $23.9714, 0.3177, 0.3206$ is the 20% darker color. If you saturate the color by 10%, you get $42.0005, 0.3273, 0.3102$, and if you desaturate by 10%, it is $59.1867, 0.3088, 0.3347$.

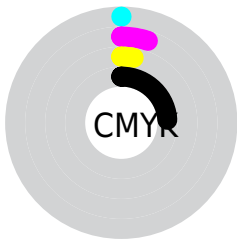
Distribution



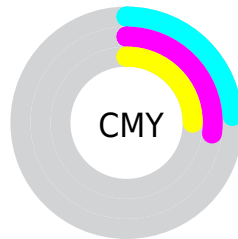
- Red (76%)
- Green (73%)
- Blue (75%)



- Red (76%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0177, 0.3172, 0.3228 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 50.0177, 0.3172, 0.3228 by changing the saturation by 10% instead.


 50.0177, 0.3172,
0.3228

 50.0177, 0.3172,
0.3228


386.7352, 0.3150,
0.3259

 35.4275, 0.3177,
0.3220


 90.2011, 0.3164,
0.3239

 23.9923, 0.3184,
0.3211

116.5631, 0.3161,
0.3243

 15.3279, 0.3193,
0.3198


147.6177, 0.3159,
0.3247

 9.0499, 0.3206,
0.3181

183.7494, 0.3156,
0.3250

 4.7737, 0.3224,
0.3156

225.3427, 0.3154,
0.3252

 2.1151, 0.3254,
0.3115

272.7818, 0.3153,

 0.6731, 0.3334,

0.3255

0.3001

326.4511, 0.3151,
0.3257

0.0000, 0.0000,
0.0000

50.0177, 0.3172,
0.3228

50.0177, 0.3172,
0.3228

42.0005, 0.3273,
0.3102

59.1867, 0.3088,
0.3347

35.0829, 0.3394,
0.2970

69.5443, 0.3019,
0.3457

29.2181, 0.3539,
0.2837

81.1336, 0.2962,
0.3559

24.3534, 0.3708,
0.2708

88.7793, 0.2912,
0.3571

20.4318, 0.3904,
0.2591

89.3391, 0.2861,
0.3463

■ 17.3901, 0.4124,
0.2498

■ 89.9300, 0.2811,
0.3358

■ 15.1575, 0.4363,
0.2442

■ 90.3427, 0.2778,
0.3289

■ 13.6521, 0.4609,
0.2432

■ 12.7741, 0.4850,
0.2476

Harmonies

Analogous

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



50.0177, 0.3109, 0.3193



50.0177, 0.3172, 0.3228



50.0177, 0.3224, 0.3280

Triad

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



50.0177, 0.3172, 0.3228



50.0177, 0.3204, 0.3399



50.0177, 0.3006, 0.3244

Complementary

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



50.0177, 0.3172, 0.3228



53.0648, 0.3085, 0.3353

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.



50.0177, 0.3031, 0.3300



50.0177, 0.3172, 0.3228



50.0177, 0.3145, 0.3390

Square

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



50.0177, 0.3172, 0.3228



50.0177, 0.3242, 0.3379



50.0177, 0.3082, 0.3354



50.0177, 0.3013, 0.3201

Rectangle

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



50.0177, 0.3172, 0.3228



50.0177, 0.3245, 0.3317



50.0177, 0.3082, 0.3354



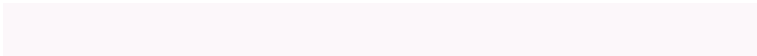
50.0177, 0.3011, 0.3262

Sweetspot

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



50.0199, 0.3172, 0.3228



94.4441, 0.3144, 0.3266



49.5657, 0.3090, 0.3165



20.7173, 0.3144, 0.3267



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.



50.0199, 0.3172, 0.3228



88.1088, 0.3181, 0.3216



49.8118, 0.3210, 0.3288



10.6674, 0.3185, 0.3210



8.1253, 0.4936, 0.2493



0.3650, 0.4450, 0.2225

Inverse Universe

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



50.0199, 0.3172, 0.3228



88.1088, 0.3181, 0.3216



53.2798, 0.3049, 0.3292



10.6674, 0.3185, 0.3210



8.1253, 0.4936, 0.2493



0.3650, 0.4450, 0.2225

Previews

White Background



This preview shows how the Yxy color 50.0177, 0.3172, 0.3228 looks on a white background.

Color Contrast Check

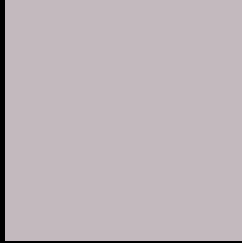
Large Text (above 18pt) WCAG AA × Fail

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 50.0177, 0.3172, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

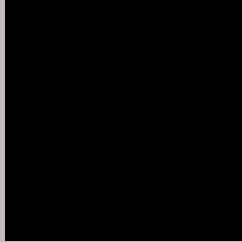
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

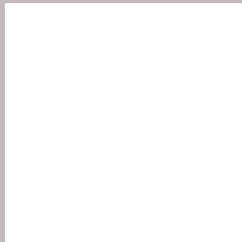
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0177, 0.3172, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 50.0177, 0.3172, 0.3228.



This preview shows how white text looks on a background with the Yxy color 50.0177, 0.3172, 0.3228.

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

50.0177, 0.3172, 0.3228

Protanopia

50.2494, 0.3121, 0.3240

Deuteranopia

50.0549, 0.3243, 0.3181



Tritanopia

50.0940, 0.3119, 0.3118

Trichromacy



Original Color

50.0177, 0.3172, 0.3228

Protanomaly

50.0859, 0.3138, 0.3228

Deuteranomaly

50.0461, 0.3217, 0.3192

Tritanomaly

49.9569, 0.3142, 0.3155

Monochromacy



Original Color

50.0177, 0.3172, 0.3228

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.7169, 0.3144, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0177, 0.3172, 0.3228 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, 185, 190)` looks like.

```
.text, #text, p{  
    color:rgb(195, 185, 190)  
}
```

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, 185, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 190) }
```

Border

The CSS property to change the border of an element to Yxy 50.0177, 0.3172, 0.3228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

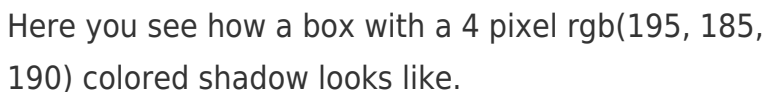
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 185, 190) }
```

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

```
.border{ border-color:rgb(195, 185, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 185, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(195, 185,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0177, 0.3172, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 185, 190) }
```

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

```
.background{ background-color: rgb(195,  
185, 190) }
```

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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