

Converting Colors

$Yxy(47.2743, 0.3184, 0.3277)$

Have a look what the booklet for
Yxy(47.2743, 0.3184, 0.3277)
contains.

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Color

Yxy(47.2440, 0.3188, 0.3277)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BDB5B6 |
| RGB | 189, 181, 182 |
| RGB Percent | 74%, 71%, 71% |
| CMY | 0.2587, 0.2902, 0.2862 |
| CMYK | 0.00, 0.04, 0.04, 0.26 |
| HSL | 352°, 6%, 73% |
| HSV | 352°, 4%, 74% |
| XYZ | 45.9609, 47.2440, 50.9635 |
| YIQ | 183.5060, 4.4470, 2.0070 |

Conversions

Conversions Part 2

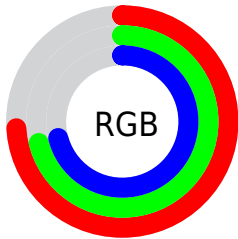
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 189, 181, 182 |
| Decimal | 12432822 |
| CIE Lab | 74.35, 3.03, 0.48 |
| CIE LCh | 74, 3.070, 9.054 |
| Yxy | 47.2440, 0.3188, 0.3277 |
| Android (android.graphics.Color) | 4290622902 (0xFFBDB5B6) |
| YUV | 183.5060, -0.7425, 4.8182 |
| Hunter-Lab | 68.7343, -0.9265, 4.1530 |

Details

The Yxy color $47.2440, 0.3188, 0.3277$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.8626, 0.3069, 0.3303$, and the grayscale version is $47.6523, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1539, 0.3174, 0.3280$, and $22.2576, 0.3211, 0.3273$ is the 20% darker color. If you saturate the color by 10%, you get $39.4314, 0.3355, 0.3245$, and if you desaturate by 10%, it is $56.1839, 0.3053, 0.3307$.

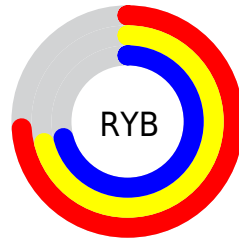
Distribution



Red (74%)

Green (71%)

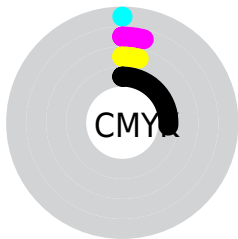
Blue (71%)



Red (74%)

Yellow (71%)

Blue (71%)

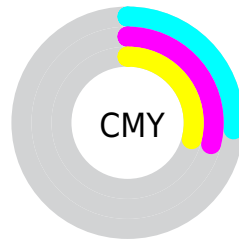


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (26%)



Cyan (26%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.2440, 0.3188, 0.3277 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 47.2440, 0.3188, 0.3277 by changing the saturation by 10% instead.


 47.2440, 0.3188,
0.3277

 47.2440, 0.3188,
0.3277

375.7876, 0.3158,
0.3284

 33.2286, 0.3196,
0.3275

 86.0777, 0.3177,
0.3279

 22.3016, 0.3205,
0.3273


111.6648, 0.3173,
0.3280

 14.0787, 0.3218,
0.3270


141.8779, 0.3169,
0.3281

 8.1754, 0.3236,
0.3266

177.1015, 0.3166,
0.3282

 4.2074, 0.3264,
0.3260

217.7198, 0.3164,
0.3282

 1.7902, 0.3309,
0.3250

264.1174, 0.3161,

 0.4811, 0.3536,

0.3283

0.3202

316.6785, 0.3159,
0.3283

0.0000, 0.0000,
0.0000

47.2440, 0.3188,
0.3277

47.2440, 0.3188,
0.3277

39.4314, 0.3355,
0.3245

56.1839, 0.3053,
0.3307

32.6955, 0.3562,
0.3211

66.2870, 0.2944,
0.3334

26.9909, 0.3818,
0.3177

77.5952, 0.2856,
0.3359

22.2666, 0.4129,
0.3144

89.1176, 0.2782,
0.3364

18.4672, 0.4498,
0.3118

89.5628, 0.2747,
0.3289

■ 15.5321, 0.4916,
0.3104

■ 13.3929, 0.5356,
0.3108

■ 11.9712, 0.5769,
0.3135

■ 11.1726, 0.6098,
0.3184

Harmonies

Analogous

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



47.2440, 0.3151, 0.3243



47.2440, 0.3188, 0.3277



47.2440, 0.3209, 0.3315

Triad

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



47.2440, 0.3188, 0.3277



47.2440, 0.3146, 0.3360



47.2440, 0.3048, 0.3234

Complementary

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



47.2440, 0.3188, 0.3277



49.8626, 0.3069, 0.3303

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.



47.2440, 0.3046, 0.3265



47.2440, 0.3188, 0.3277



47.2440, 0.3103, 0.3338

Square

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



47.2440, 0.3188, 0.3277



47.2440, 0.3185, 0.3363



47.2440, 0.3067, 0.3303



47.2440, 0.3070, 0.3218

Rectangle

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



47.2440, 0.3188, 0.3277



47.2440, 0.3211, 0.3337



47.2440, 0.3067, 0.3303



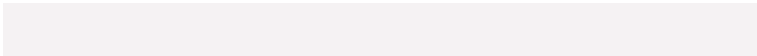
47.2440, 0.3045, 0.3243

Sweetspot

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



47.2460, 0.3188, 0.3277



89.5414, 0.3141, 0.3287



47.4067, 0.3123, 0.3188



19.2730, 0.3140, 0.3287



95.5105, 0.3127, 0.3290



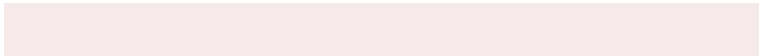
19.5994, 0.3127, 0.3290

Same Dimension

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



47.2460, 0.3188, 0.3277



83.3533, 0.3200, 0.3274



48.4150, 0.3194, 0.3328



10.2196, 0.3209, 0.3273



7.3306, 0.6218, 0.3199



0.2937, 0.5705, 0.2916

Inverse Universe

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



47.2460, 0.3188, 0.3277



83.3533, 0.3200, 0.3274



48.6516, 0.3063, 0.3252



10.2196, 0.3209, 0.3273



7.3306, 0.6218, 0.3199



0.2937, 0.5705, 0.2916

Previews

White Background



This preview shows how the Yxy color 47.2440, 0.3188, 0.3277 looks on a white background.

Color Contrast Check

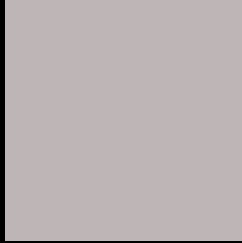
Large Text (above 18pt) WCAG AA × Fail

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 47.2440, 0.3188, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

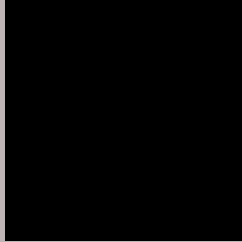
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

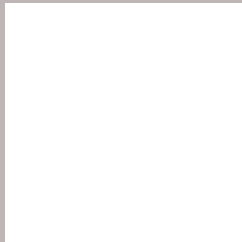
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.2440, 0.3188, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 47.2440, 0.3188, 0.3277.

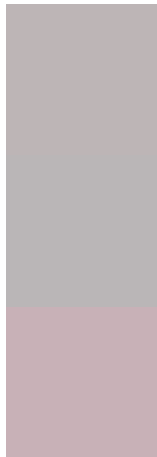


This preview shows how white text looks on a background with the Yxy color 47.2440, 0.3188, 0.3277.

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

47.2440, 0.3188, 0.3277

Protanopia

47.3139, 0.3153, 0.3277

Deuteranopia

47.1425, 0.3280, 0.3216



Tritanopia

47.1668, 0.3118, 0.3114

Trichromacy



Original Color

47.2440, 0.3188, 0.3277

Protanomaly

47.4396, 0.3162, 0.3277

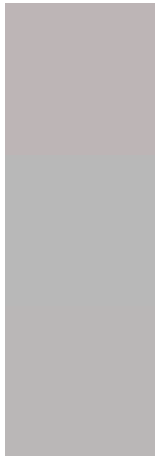
Deuteranomaly

46.9954, 0.3244, 0.3228

Tritanomaly

47.2638, 0.3141, 0.3176

Monochromacy



Original Color

47.2440, 0.3188, 0.3277

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.7250, 0.3153, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2440, 0.3188, 0.3277 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(189, 181, 182)` looks like.

```
.text, #text, p{  
    color:rgb(189, 181, 182)  
}
```

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(189, 181, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 181, 182) }
```

Border

The CSS property to change the border of an element to Yxy 47.2440, 0.3188, 0.3277 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(189, 181, 182) }
```

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

```
.border{ border-color:rgb(189, 181, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 181, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 181, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 181, 182);  
box-shadow:4px 4px 4px 4px rgb(189, 181,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2440, 0.3188, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 181, 182) }
```

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

```
.background{ background-color: rgb(189,  
181, 182) }
```

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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