

Converting Colors

$Yxy(47.4475, 0.3168, 0.3324)$

Have a look what the booklet for
Yxy(47.4475, 0.3168, 0.3324)
contains.

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Color

Yxy(47.4765, 0.3168, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	B9B7B4
RGB	185, 183, 180
RGB Percent	73%, 72%, 71%
CMY	0.2745, 0.2823, 0.2941
CMYK	0.00, 0.01, 0.03, 0.27
HSL	36°, 3%, 72%
HSV	36°, 3%, 73%
XYZ	45.1804, 47.4765, 49.9580
YIQ	183.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

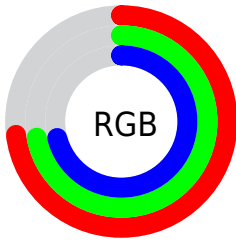
Format	Color
RYB	183, 185, 180
Decimal	12171188
CIELab	74.49, 0.16, 1.77
CIELCh	74, 1.773, 84.837
Yxy	47.4765, 0.3168, 0.3329
Android (android.graphics.Color)	4290361268 (0xFFB9B7B4)
YUV	183.2560, -1.6052, 1.5295
Hunter-Lab	68.9032, -3.5366, 5.2442

Details

The Yxy color $47.4765, 0.3168, 0.3329$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.6624, 0.3087, 0.3251$, and the grayscale version is $47.5113, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.4899, 0.3159, 0.3320$, and $22.4031, 0.3183, 0.3343$ is the 20% darker color. If you saturate the color by 10%, you get $43.7984, 0.3330, 0.3478$, and if you desaturate by 10%, it is $51.4201, 0.3024, 0.3189$.

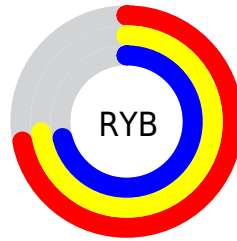
Distribution



Red (73%)

Green (72%)

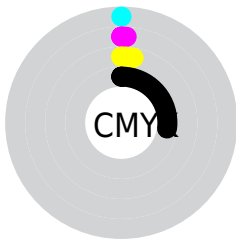
Blue (71%)



Red (72%)

Yellow (73%)

Blue (71%)

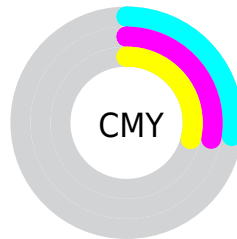


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (27%)



Cyan (27%)

Magenta (28%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4765, 0.3168, 0.3329 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 47.4765, 0.3168, 0.3329 by changing the saturation by 10% instead.

■ 47.4765, 0.3168,
0.3329

■ 47.4765, 0.3168,
0.3329

376.7133, 0.3148,
0.3310

■ 33.4125, 0.3173,
0.3334

■ 86.4245, 0.3161,
0.3322

■ 22.4426, 0.3180,
0.3340

112.0772, 0.3158,
0.3319

■ 14.1825, 0.3188,
0.3348

142.3617, 0.3156,
0.3317

■ 8.2477, 0.3200,
0.3360

177.6622, 0.3153,
0.3315

■ 4.2539, 0.3218,
0.3377

218.3633, 0.3152,
0.3314

■ 1.8166, 0.3248,
0.3405

264.8492, 0.3150,

■ 0.4975, 0.3424,

0.3312

0.3573

317.5044, 0.3149,
0.3311

0.0000, 0.0000,
0.0000

47.4765, 0.3168,
0.3329

47.4765, 0.3168,
0.3329

43.7984, 0.3330,
0.3478

51.4201, 0.3024,
0.3189

40.3734, 0.3511,
0.3634

55.6293, 0.2896,
0.3058

37.1967, 0.3710,
0.3793

60.1120, 0.2783,
0.2937

34.2613, 0.3926,
0.3948

64.8738, 0.2684,
0.2827

31.5595, 0.4153,
0.4093

68.7415, 0.2687,
0.2901

■ 29.0834, 0.4386,
0.4216

■ 72.7170, 0.2696,
0.2986

■ 26.8241, 0.4613,
0.4306

■ 76.8669, 0.2704,
0.3069

■ 24.7718, 0.4822,
0.4352

■ 81.1935, 0.2712,
0.3151

■ 22.9153, 0.5002,
0.4347

■ 85.6987, 0.2720,
0.3232

Harmonies

Analogous

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



47.4765, 0.3175, 0.3315



47.4765, 0.3168, 0.3329



47.4765, 0.3150, 0.3333

Triad

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



47.4765, 0.3168, 0.3329



47.4765, 0.3085, 0.3286



47.4765, 0.3129, 0.3256

Complementary

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



47.4765, 0.3168, 0.3329



46.6624, 0.3087, 0.3251

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.



47.4765, 0.3105, 0.3248



47.4765, 0.3168, 0.3329



47.4765, 0.3079, 0.3265

Square

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



47.4765, 0.3168, 0.3329



47.4765, 0.3101, 0.3308



47.4765, 0.3087, 0.3251



47.4765, 0.3153, 0.3273

Rectangle

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



47.4765, 0.3168, 0.3329



47.4765, 0.3134, 0.3329



47.4765, 0.3087, 0.3251



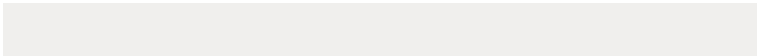
47.4765, 0.3121, 0.3252

Sweetspot

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



47.4786, 0.3168, 0.3329



86.1860, 0.3142, 0.3305



46.3361, 0.3154, 0.3263



18.5878, 0.3142, 0.3304



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



47.4786, 0.3168, 0.3329



84.7928, 0.3173, 0.3334



48.2614, 0.3163, 0.3355



10.3398, 0.3184, 0.3344



14.9003, 0.5103, 0.4330



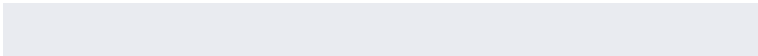
0.6429, 0.4811, 0.4562

Inverse Universe

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



46.6624, 0.3087, 0.3251



83.1536, 0.3082, 0.3246



45.8955, 0.3091, 0.3224



10.0949, 0.3071, 0.3236



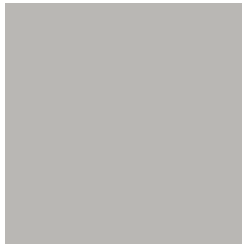
5.8603, 0.1691, 0.1287



0.3287, 0.1838, 0.1817

Previews

White Background



This preview shows how the Yxy color 47.4765, 0.3168, 0.3329 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 47.4765, 0.3168, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

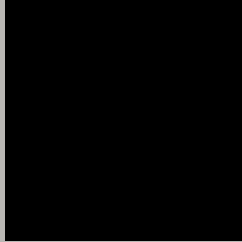
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

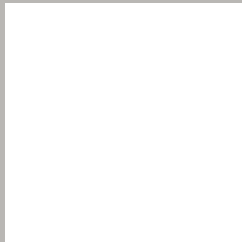
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4765, 0.3168, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 47.4765, 0.3168, 0.3329.



This preview shows how white text looks on a background with the Yxy color 47.4765, 0.3168, 0.3329.

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

47.4765, 0.3168, 0.3329

Protanopia

47.3160, 0.3186, 0.3316

Deuteranopia

47.3370, 0.3315, 0.3241



Tritanopia

47.5527, 0.3068, 0.3113

Trichromacy



Original Color

47.4765, 0.3168, 0.3329

Protanomaly

47.1903, 0.3177, 0.3316

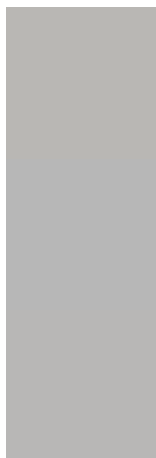
Deuteranomaly

47.3122, 0.3259, 0.3265

Tritanomaly

47.6127, 0.3098, 0.3188

Monochromacy



Original Color

47.4765, 0.3168, 0.3329

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.4347, 0.3143, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4765, 0.3168, 0.3329 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(185, 183, 180)` looks like.

```
.text, #text, p{  
    color:rgb(185, 183, 180)  
}
```

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(185, 183, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 183, 180) }
```

Border

The CSS property to change the border of an element to Yxy 47.4765, 0.3168, 0.3329 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(185, 183, 180) }
```

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

```
.border{ border-color:rgb(185, 183, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 183, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 183, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 183, 180);  
box-shadow:4px 4px 4px 4px rgb(185, 183,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4765, 0.3168, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 183, 180) }
```

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

```
.background{ background-color: rgb(185,  
183, 180) }
```

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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