

Converting Colors

$Y_{xy}(47.4194, 0.3238, 0.3559)$

Have a look what the booklet for
Yxy(47.4194, 0.3238, 0.3559)
contains.

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Color

Yxy(47.5377, 0.3241, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	B4BAA5
RGB	180, 186, 165
RGB Percent	71%, 73%, 65%
CMY	0.2942, 0.2705, 0.3530
CMYK	0.03, 0.00, 0.11, 0.27
HSL	77°, 13%, 69%
HSV	77°, 11%, 73%
XYZ	43.1689, 47.5377, 42.4896
YIQ	181.8120, 3.1650, -7.8030

Conversions

Conversions Part 2

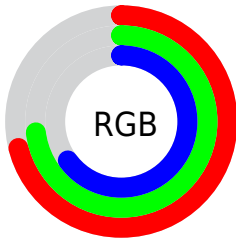
Format	Color
RYB	165, 186, 171
Decimal	11844261
CIELab	74.53, -5.89, 9.94
CIELCh	75, 11.551, 120.641
Yxy	47.5377, 0.3241, 0.3569
Android (android.graphics.Color)	4290034341 (0xFFB4BAA5)
YUV	181.8120, -8.2883, -1.5891
Hunter-Lab	68.9476, -8.8974, 11.7253

Details

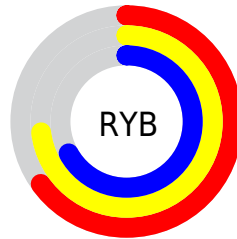
The Yxy color $47.5377, 0.3241, 0.3569$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $39.1092, 0.3005, 0.3004$, and the grayscale version is $46.7154, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.5044, 0.3222, 0.3516$, and $22.4793, 0.3272, 0.3655$ is the 20% darker color. If you saturate the color by 10%, you get $46.2836, 0.3342, 0.3831$, and if you desaturate by 10%, it is $48.9191, 0.3140, 0.3321$.

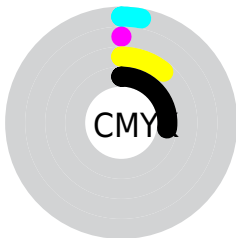
Distribution



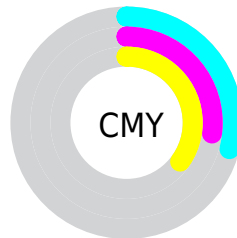
- Red (71%)
- Green (73%)
- Blue (65%)



- Red (65%)
- Yellow (73%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.5377, 0.3241, 0.3569 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 47.5377, 0.3241, 0.3569 by changing the saturation by 10% instead.

■ 47.5377, 0.3241,
0.3569

■ 47.5377, 0.3241,
0.3569

376.9567, 0.3185,
0.3428

■ 33.4609, 0.3255,
0.3605

■ 86.5157, 0.3221,
0.3518

■ 22.4798, 0.3272,
0.3650

■ 112.1857, 0.3213,
0.3498

■ 14.2099, 0.3295,
0.3712

142.4889, 0.3207,
0.3482

■ 8.2668, 0.3326,
0.3799

177.8097, 0.3201,
0.3468

■ 4.2661, 0.3370,
0.3930

218.5325, 0.3196,
0.3456

■ 1.8235, 0.3438,
0.4150

265.0417, 0.3192,

■ 0.5018, 0.3991,

0.3446

0.6009

317.7216, 0.3188,
0.3437

0.0000, 0.0000,
0.0000

47.5377, 0.3241,
0.3569

47.5377, 0.3241,
0.3569

46.2836, 0.3342,
0.3831

48.9191, 0.3140,
0.3321

45.1460, 0.3440,
0.4101

50.4258, 0.3042,
0.3090

44.1222, 0.3532,
0.4372

52.0639, 0.2949,
0.2878

43.2070, 0.3610,
0.4634

53.8372, 0.2861,
0.2685

42.3947, 0.3672,
0.4876

55.5553, 0.2798,
0.2538

■ 41.6790, 0.3712,
0.5085

■ 56.3343, 0.2836,
0.2546

■ 41.0528, 0.3728,
0.5253

■ 57.1395, 0.2875,
0.2554

■ 40.5076, 0.3719,
0.5374

■ 57.9710, 0.2914,
0.2563

■ 40.0850, 0.3695,
0.5448

■ 58.8292, 0.2954,
0.2571

Harmonies

Analogous

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



47.5377, 0.3374, 0.3554



47.5377, 0.3241, 0.3569



47.5377, 0.3080, 0.3505

Triad

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



47.5377, 0.3241, 0.3569



47.5377, 0.2822, 0.3103



47.5377, 0.3321, 0.3202

Complementary

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



47.5377, 0.3241, 0.3569



39.1092, 0.3005, 0.3004

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.



47.5377, 0.3169, 0.3089



47.5377, 0.3241, 0.3569



47.5377, 0.2883, 0.3030

Square

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



47.5377, 0.3241, 0.3569



47.5377, 0.2841, 0.3230



47.5377, 0.3008, 0.3026



47.5377, 0.3422, 0.3339

Rectangle

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



47.5377, 0.3241, 0.3569



47.5377, 0.2978, 0.3425



47.5377, 0.3008, 0.3026



47.5377, 0.3274, 0.3160

Sweetspot

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



47.5398, 0.3241, 0.3569



88.2049, 0.3158, 0.3363



42.2602, 0.3317, 0.3370



19.3785, 0.3166, 0.3383



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.



47.5398, 0.3241, 0.3569



85.4686, 0.3271, 0.3644



46.3331, 0.3152, 0.3577



10.3706, 0.3221, 0.3519



27.0042, 0.3702, 0.5443



0.9817, 0.3834, 0.5338

Inverse Universe

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



39.1092, 0.3005, 0.3004



66.6148, 0.2970, 0.2925



40.3290, 0.3099, 0.3013



8.8408, 0.3028, 0.3057



2.9333, 0.1697, 0.0708



0.1359, 0.1994, 0.0872

Previews

White Background



This preview shows how the Yxy color 47.5377, 0.3241, 0.3569 looks on a white background.

Color Contrast Check

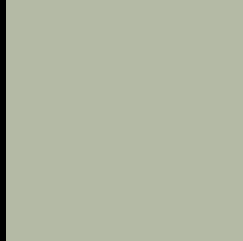
Large Text (above 18pt) WCAG AA × Fail

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 47.5377, 0.3241, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

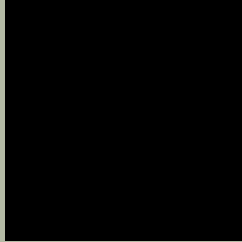
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

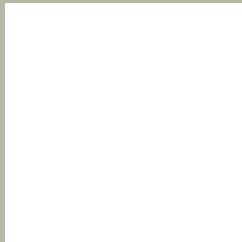
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5377, 0.3241, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 47.5377, 0.3241, 0.3569.



This preview shows how white text looks on a background with the Yxy color 47.5377, 0.3241, 0.3569.

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

47.5377, 0.3241, 0.3569

Protanopia

47.5877, 0.3358, 0.3549

Deuteranopia

47.4997, 0.3482, 0.3415



Tritanopia

47.7557, 0.3044, 0.3112

Trichromacy



Original Color

47.5377, 0.3241, 0.3569

Protanomaly

47.5261, 0.3313, 0.3552

Deuteranomaly

47.2660, 0.3393, 0.3469

Tritanomaly

47.4370, 0.3112, 0.3264

Monochromacy



Original Color

47.5377, 0.3241, 0.3569

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.8253, 0.3165, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5377, 0.3241, 0.3569 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(180, 186, 165)` looks like.

```
.text, #text, p{  
    color:rgb(180, 186, 165)  
}
```

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(180, 186, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 186, 165) }
```

Border

The CSS property to change the border of an element to Yxy 47.5377, 0.3241, 0.3569 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(180, 186, 165) }
```

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

```
.border{ border-color:rgb(180, 186, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 186, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 186, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 186, 165);  
box-shadow:4px 4px 4px 4px rgb(180, 186,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5377, 0.3241, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 186, 165) }
```

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

```
.background{ background-color: rgb(180,  
186, 165) }
```

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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