

Converting Colors

Yxy(49.4162, 0.3272, 0.3530)

Have a look what the booklet for
Yxy(49.4162, 0.3272, 0.3530)
contains.

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Color

Yxy(49.5224, 0.3275, 0.3535)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BCBCA9 |
| RGB | 188, 188, 169 |
| RGB Percent | 74%, 74%, 66% |
| CMY | 0.2629, 0.2627, 0.3371 |
| CMYK | 0.00, 0.00, 0.10, 0.26 |
| HSL | 60°, 12%, 70% |
| HSV | 60°, 10%, 74% |
| XYZ | 45.8800, 49.5224, 44.6892 |
| YIQ | 185.8340, 6.0990, -5.9090 |

Conversions

Conversions Part 2

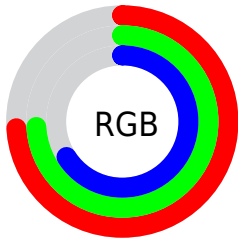
| Format | Color |
|-------------------------------------|-----------------------------------------------|
| RYB | 169, 188, 169 |
| Decimal | 12369065 |
| CIELab | 75.78, -3.36, 9.60 |
| CIELCh | 76, 10.173, 109.292 |
| Yxy | 49.5224, 0.3275, 0.3535 |
| Android (android.graphics.Color) | 4290559145 (0xFFBCBCA9) |
| YUV | 185.8340, -8.2992, 1.8996 |
| Hunter-Lab | 70.3722, -6.7759, 11.6089 |

Details

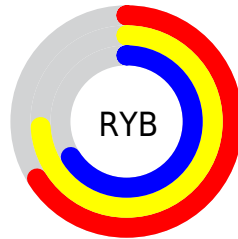
The Yxy color $49.5224, 0.3275, 0.3535$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $40.4598, 0.2972, 0.3033$, and the grayscale version is $49.0496, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.3163, 0.3249, 0.3492$, and $23.7632, 0.3318, 0.3606$ is the 20% darker color. If you saturate the color by 10%, you get $48.8631, 0.3425, 0.3784$, and if you desaturate by 10%, it is $50.2876, 0.3129, 0.3292$.

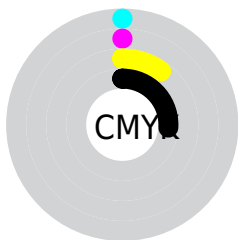
Distribution



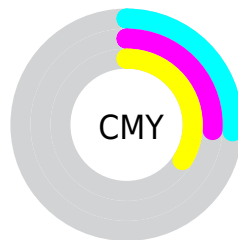
- Red (74%)
- Green (74%)
- Blue (66%)



- Red (66%)
- Yellow (74%)
- Blue (66%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)




- Cyan (26%)
- Magenta (26%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5224, 0.3275, 0.3535 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 49.5224, 0.3275, 0.3535 by changing the saturation by 10% instead.


 49.5224, 0.3275,
0.3535

 49.5224, 0.3275,
0.3535


384.7953, 0.3202,
0.3413

 35.0341, 0.3293,
0.3565


 89.4668, 0.3249,
0.3491

 23.6891, 0.3315,
0.3604

115.6917, 0.3239,
0.3474

 15.1032, 0.3345,
0.3656


146.5976, 0.3231,
0.3460

 8.8918, 0.3386,
0.3728

182.5688, 0.3223,
0.3448

 4.6707, 0.3445,
0.3836

223.9898, 0.3217,
0.3437

 2.0554, 0.3539,
0.4011

271.2449, 0.3211,

 0.6393, 0.4418,

0.3428

0.5373

324.7186, 0.3207,
0.3420

0.0000, 0.0000,
0.0000

49.5224, 0.3275,
0.3535

49.5224, 0.3275,
0.3535

48.8631, 0.3425,
0.3784

50.2876, 0.3129,
0.3292

48.2988, 0.3574,
0.4031

51.1563, 0.2989,
0.3061

47.8272, 0.3718,
0.4269

52.1343, 0.2857,
0.2843

47.4432, 0.3850,
0.4489

53.2255, 0.2736,
0.2642

47.1413, 0.3965,
0.4680

53.9050, 0.2671,
0.2534

■ 46.9155, 0.4058,
0.4835

■ 53.9102, 0.2671,
0.2534

■ 46.7589, 0.4126,
0.4948

■ 53.9154, 0.2671,
0.2534

■ 46.6632, 0.4168,
0.5019

■ 53.9206, 0.2672,
0.2534

■ 46.6123, 0.4189,
0.5056

■ 53.9258, 0.2672,
0.2534

Harmonies

Analogous

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



49.5224, 0.3372, 0.3497



49.5224, 0.3275, 0.3535



49.5224, 0.3140, 0.3504

Triad

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



49.5224, 0.3275, 0.3535



49.5224, 0.2860, 0.3165



49.5224, 0.3249, 0.3172

Complementary

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



49.5224, 0.3275, 0.3535



40.4598, 0.2972, 0.3033

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.



49.5224, 0.3110, 0.3088



49.5224, 0.3275, 0.3535



49.5224, 0.2887, 0.3081

Square

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



49.5224, 0.3275, 0.3535



49.5224, 0.2902, 0.3287



49.5224, 0.2978, 0.3054



49.5224, 0.3357, 0.3287

Rectangle

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



49.5224, 0.3275, 0.3535



49.5224, 0.3047, 0.3449



49.5224, 0.2978, 0.3054



49.5224, 0.3204, 0.3139

Sweetspot

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



49.5246, 0.3275, 0.3535



90.6986, 0.3171, 0.3363



41.9443, 0.3303, 0.3291



19.4798, 0.3183, 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.



49.5246, 0.3275, 0.3535



89.4770, 0.3306, 0.3587



48.3635, 0.3194, 0.3541



11.1195, 0.3264, 0.3517



31.7322, 0.4189, 0.5056



1.2433, 0.4190, 0.5055

Inverse Universe

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



40.4598, 0.2972, 0.3033



69.9185, 0.2937, 0.2975



41.5438, 0.3054, 0.3039



9.2264, 0.2984, 0.3053



2.4743, 0.1501, 0.0601



0.0973, 0.1504, 0.0602

Previews

White Background



This preview shows how the Yxy color 49.5224, 0.3275, 0.3535 looks on a white background.

Color Contrast Check

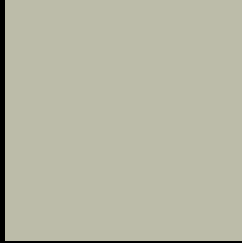
Large Text (above 18pt) WCAG AA × Fail

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 49.5224, 0.3275, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

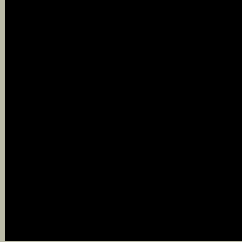
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

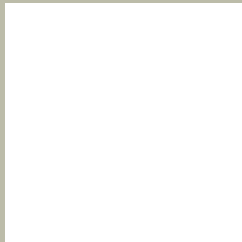
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.5224, 0.3275, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 49.5224, 0.3275, 0.3535.



This preview shows how white text looks on a background with the Yxy color 49.5224, 0.3275, 0.3535.

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

49.5224, 0.3275, 0.3535

Protanopia

49.4143, 0.3339, 0.3519

Deuteranopia

49.4317, 0.3476, 0.3400



Tritanopia

49.5647, 0.3085, 0.3116

Trichromacy



Original Color

49.5224, 0.3275, 0.3535

Protanomaly

49.5743, 0.3320, 0.3533

Deuteranomaly

49.4658, 0.3407, 0.3452

Tritanomaly

49.3621, 0.3162, 0.3265

Monochromacy



Original Color

49.5224, 0.3275, 0.3535

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.4007, 0.3181, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5224, 0.3275, 0.3535 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(188, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(188, 188, 169)  
}
```

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(188, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 188, 169) }
```

Border

The CSS property to change the border of an element to Yxy 49.5224, 0.3275, 0.3535 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(188, 188, 169) }
```

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

```
.border{ border-color:rgb(188, 188, 169) }
```

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

Here you see how a box with a 4 pixel rgb(188, 188, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(188, 188,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5224, 0.3275, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 188, 169) }
```

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

```
.background{ background-color: rgb(188,  
188, 169) }
```

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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