

Converting Colors

$Yxy(49.0974, 0.3329, 0.3423)$

Have a look what the booklet for
Yxy(49.0974, 0.3329, 0.3423)
contains.

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Color

Yxy(49.1684, 0.3327, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	C5B8AD
RGB	197, 184, 173
RGB Percent	77%, 72%, 68%
CMY	0.2275, 0.2784, 0.3215
CMYK	0.00, 0.07, 0.12, 0.23
HSL	28°, 17%, 73%
HSV	28°, 12%, 77%
XYZ	47.7058, 49.1684, 46.5157
YIQ	186.6330, 11.2790, -0.6650

Conversions

Conversions Part 2

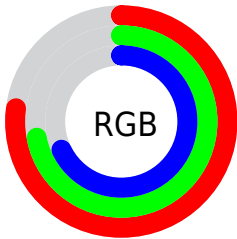
Format	Color
RYB	197, 193, 173
Decimal	12957869
CIELab	75.56, 2.72, 7.23
CIELCh	76, 7.720, 69.377
Yxy	49.1684, 0.3327, 0.3429
Android (android.graphics.Color)	4291147949 (0xFFC5B8AD)
YUV	186.6330, -6.7211, 9.0919
Hunter-Lab	70.1202, -1.2690, 9.7529

Details

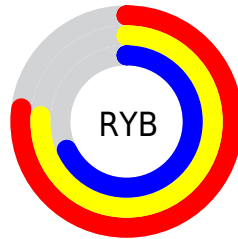
The Yxy color $49.1684, 0.3327, 0.3429$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.0246, 0.2940, 0.3147$, and the grayscale version is $49.5104, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.9924, 0.3296, 0.3409$, and $23.4527, 0.3379, 0.3461$ is the 20% darker color. If you saturate the color by 10%, you get $44.2006, 0.3519, 0.3550$, and if you desaturate by 10%, it is $54.5866, 0.3160, 0.3314$.

Distribution



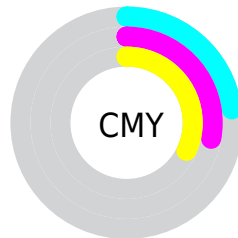
- Red (77%)
- Green (72%)
- Blue (68%)



- Red (77%)
- Yellow (76%)
- Blue (68%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (23%)





- Cyan (23%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1684, 0.3327, 0.3429 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 49.1684, 0.3327, 0.3429 by changing the saturation by 10% instead.

 49.1684, 0.3327,
0.3429

 49.1684, 0.3327,
0.3429


383.4049, 0.3228,
0.3361

 34.7531, 0.3352,
0.3446


 88.9415, 0.3291,
0.3404

 23.4727, 0.3383,
0.3467


115.0681, 0.3277,
0.3395

 14.9430, 0.3425,
0.3495


145.8672, 0.3266,
0.3387

 8.7794, 0.3483,
0.3533

181.7233, 0.3256,
0.3380

 4.5975, 0.3569,
0.3589

223.0207, 0.3248,
0.3375

 2.0131, 0.3710,
0.3678

270.1439, 0.3240,

 0.6151, 0.4550,

0.3369

0.4299

323.4771, 0.3234,
0.3365

0.0000, 0.0000,
0.0000

49.1684, 0.3327,
0.3429

49.1684, 0.3327,
0.3429

44.2006, 0.3519,
0.3550

54.5866, 0.3160,
0.3314

39.6644, 0.3737,
0.3674

60.4604, 0.3016,
0.3207

35.5493, 0.3983,
0.3797

66.8031, 0.2891,
0.3107

31.8417, 0.4253,
0.3910

73.6255, 0.2783,
0.3016

28.5272, 0.4541,
0.4004

79.8293, 0.2774,
0.3100

■ 25.5903, 0.4834,
0.4065

■ 86.1958, 0.2783,
0.3215

■ 23.0140, 0.5115,
0.4082

■ 90.6076, 0.2789,
0.3289

■ 20.7796, 0.5364,
0.4046

■ 19.2481, 0.5534,
0.3988

Harmonies

Analogous

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



49.1684, 0.3331, 0.3350



49.1684, 0.3327, 0.3429



49.1684, 0.3269, 0.3472

Triad

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



49.1684, 0.3327, 0.3429



49.1684, 0.2977, 0.3321



49.1684, 0.3079, 0.3122

Complementary

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



49.1684, 0.3327, 0.3429



48.0246, 0.2940, 0.3147

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.



49.1684, 0.2986, 0.3112



49.1684, 0.3327, 0.3429



49.1684, 0.2928, 0.3224

Square

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



49.1684, 0.3327, 0.3429



49.1684, 0.3066, 0.3410



49.1684, 0.2931, 0.3148



49.1684, 0.3186, 0.3175

Rectangle

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



49.1684, 0.3327, 0.3429



49.1684, 0.3207, 0.3474



49.1684, 0.2931, 0.3148



49.1684, 0.3045, 0.3113

Sweetspot

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



49.1706, 0.3327, 0.3429



95.8896, 0.3190, 0.3335



45.3120, 0.3231, 0.3125



20.3621, 0.3202, 0.3344



0.0000, 0.0000, 0.0000



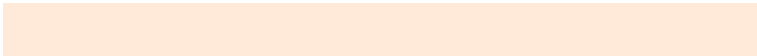
21.4041, 0.3127, 0.3290

Same Dimension

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



49.1706, 0.3327, 0.3429



85.2760, 0.3383, 0.3466



54.2663, 0.3309, 0.3573



11.4256, 0.3278, 0.3396



12.8263, 0.5513, 0.4005



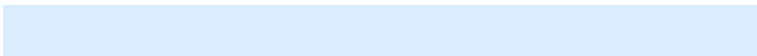
0.7518, 0.5168, 0.4278

Inverse Universe

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



48.0246, 0.2940, 0.3147



82.7600, 0.2892, 0.3108



43.2684, 0.2937, 0.2991



11.2223, 0.2983, 0.3181



9.6803, 0.1814, 0.1732



0.6020, 0.1913, 0.2086

Previews

White Background



This preview shows how the Yxy color 49.1684, 0.3327, 0.3429 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 49.1684, 0.3327, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

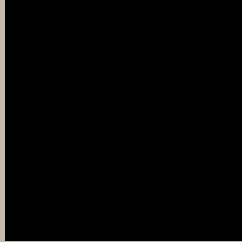
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.1684, 0.3327, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 49.1684, 0.3327, 0.3429.

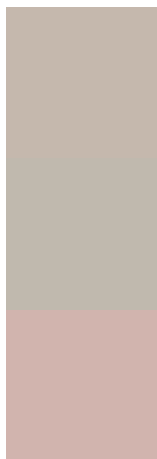


This preview shows how white text looks on a background with the Yxy color 49.1684, 0.3327, 0.3429.

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

49.1684, 0.3327, 0.3429

Protanopia

48.9604, 0.3274, 0.3431

Deuteranopia

49.2538, 0.3432, 0.3364



Tritanopia

49.2672, 0.3178, 0.3119

Trichromacy



Original Color

49.1684, 0.3327, 0.3429

Protanomaly

49.2233, 0.3291, 0.3430

Deuteranomaly

49.0829, 0.3395, 0.3377

Tritanomaly

49.1859, 0.3233, 0.3229

Monochromacy



Original Color

49.1684, 0.3327, 0.3429

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.5716, 0.3200, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1684, 0.3327, 0.3429 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(197, 184, 173)` looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 173)  
}
```

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(197, 184, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 173) }
```

Border

The CSS property to change the border of an element to Yxy 49.1684, 0.3327, 0.3429 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(197, 184, 173) }
```

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

```
.border{ border-color:rgb(197, 184, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 184, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 173);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1684, 0.3327, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 184, 173) }
```

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

```
.background{ background-color: rgb(197,  
184, 173) }
```

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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