

Converting Colors

$Yxy(49.0224, 0.3326, 0.3618)$

Have a look what the booklet for
Yxy(49.0224, 0.3326, 0.3618)
contains.

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Color

Yxy(49.2664, 0.3331, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	BCBCA2
RGB	188, 188, 162
RGB Percent	74%, 74%, 64%
CMY	0.2627, 0.2627, 0.3646
CMYK	0.00, 0.00, 0.14, 0.26
HSL	60°, 16%, 69%
HSV	60°, 14%, 74%
XYZ	45.2458, 49.2664, 41.3202
YIQ	185.0360, 8.3460, -8.0860

Conversions

Conversions Part 2

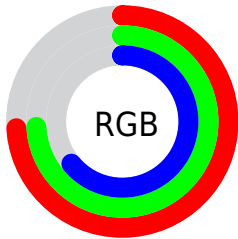
Format	Color
RYB	162, 188, 162
Decimal	12369058
CIELab	75.62, -4.49, 13.16
CIELCh	76, 13.907, 108.852
Yxy	49.2664, 0.3331, 0.3627
Android (android.graphics.Color)	4290559138 (0xFFBCBCA2)
YUV	185.0360, -11.3567, 2.5994
Hunter-Lab	70.1900, -7.7682, 14.2296

Details

The Yxy color $49.2664, 0.3331, 0.3627$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $37.1668, 0.2909, 0.2929$, and the grayscale version is $48.5997, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.9442, 0.3292, 0.3563$, and $23.6046, 0.3394, 0.3732$ is the 20% darker color. If you saturate the color by 10%, you get $48.6488, 0.3482, 0.3876$, and if you desaturate by 10%, it is $49.9883, 0.3182, 0.3382$.

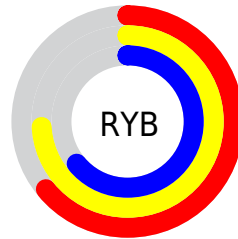
Distribution



Red (74%)

Green (74%)

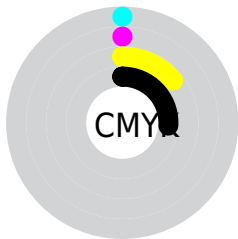
Blue (64%)



Red (64%)

Yellow (74%)

Blue (64%)

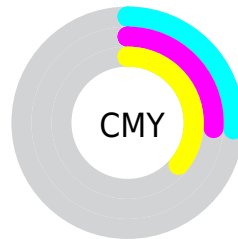


Cyan (0%)

Magenta (0%)

Yellow (14%)

Black (26%)



Cyan (26%)


Magenta (26%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.2664, 0.3331, 0.3627 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 49.2664, 0.3331, 0.3627 by changing the saturation by 10% instead.


 49.2664, 0.3331,
0.3627


 49.2664, 0.3331,
0.3627


383.7901, 0.3231,
0.3459

 34.8309, 0.3355,
0.3669


 89.0870, 0.3295,
0.3566

 23.5326, 0.3386,
0.3723


 115.2408, 0.3281,
0.3543

 14.9873, 0.3427,
0.3795


146.0695, 0.3270,
0.3523

 8.8105, 0.3482,
0.3895

181.9575, 0.3260,
0.3507

 4.6178, 0.3561,
0.4043

223.2892, 0.3251,
0.3492

 2.0248, 0.3681,
0.4283

270.4489, 0.3244,

 0.6218, 0.4363,

0.3480

0.5637

323.8211, 0.3237,
0.3468

0.0000, 0.0000,
0.0000

49.2664, 0.3331,
0.3627

49.2664, 0.3331,
0.3627

48.6488, 0.3482,
0.3876

49.9883, 0.3182,
0.3382

48.1246, 0.3630,
0.4121

50.8121, 0.3040,
0.3145

47.6912, 0.3770,
0.4353

51.7440, 0.2905,
0.2922

47.3434, 0.3897,
0.4563

52.7876, 0.2779,
0.2714

47.0756, 0.4004,
0.4741

53.8798, 0.2670,
0.2533

■ 46.8814, 0.4089,
0.4880

■ 53.8800, 0.2670,
0.2533

■ 46.7535, 0.4147,
0.4977

■ 53.8802, 0.2670,
0.2534

■ 46.6830, 0.4181,
0.5032

■ 53.8804, 0.2670,
0.2534

■ 46.6572, 0.4193,
0.5053

■ 53.8806, 0.2670,
0.2534

Harmonies

Analogous

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



49.2664, 0.3464, 0.3571



49.2664, 0.3331, 0.3627



49.2664, 0.3146, 0.3588

Triad

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



49.2664, 0.3331, 0.3627



49.2664, 0.2763, 0.3119



49.2664, 0.3291, 0.3127

Complementary

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



49.2664, 0.3331, 0.3627



37.1668, 0.2909, 0.2929

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.



49.2664, 0.3099, 0.3014



49.2664, 0.3331, 0.3627



49.2664, 0.2799, 0.3005

Square

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



49.2664, 0.3331, 0.3627



49.2664, 0.2821, 0.3286



49.2664, 0.2920, 0.2969



49.2664, 0.3442, 0.3282

Rectangle

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



49.2664, 0.3331, 0.3627



49.2664, 0.3019, 0.3511



49.2664, 0.2920, 0.2969



49.2664, 0.3229, 0.3083

Sweetspot

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



49.2686, 0.3331, 0.3627



90.5589, 0.3186, 0.3388



39.1525, 0.3378, 0.3291



19.4518, 0.3197, 0.3406



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.



49.2686, 0.3331, 0.3627



88.8804, 0.3383, 0.3713



47.6930, 0.3219, 0.3639



11.1205, 0.3264, 0.3517



31.7658, 0.4193, 0.5053



1.2443, 0.4193, 0.5053

Inverse Universe

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



37.1668, 0.2909, 0.2929



62.1020, 0.2848, 0.2829



38.5979, 0.3024, 0.2941



9.2254, 0.2984, 0.3053



2.4721, 0.1500, 0.0600



0.0968, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 49.2664, 0.3331, 0.3627 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 49.2664, 0.3331, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

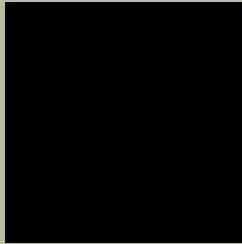
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

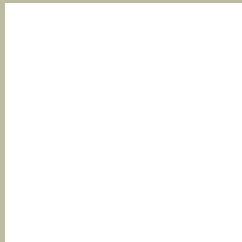
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.2664, 0.3331, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 49.2664, 0.3331, 0.3627.



This preview shows how white text looks on a background with the Yxy color 49.2664, 0.3331, 0.3627.

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

49.2664, 0.3331, 0.3627

Protanopia

49.2931, 0.3405, 0.3609

Deuteranopia

48.9176, 0.3549, 0.3474



Tritanopia

49.2356, 0.3102, 0.3117

Trichromacy



Original Color

49.2664, 0.3331, 0.3627

Protanomaly

49.3203, 0.3376, 0.3624

Deuteranomaly

48.7968, 0.3468, 0.3528

Tritanomaly

49.2350, 0.3186, 0.3303

Monochromacy



Original Color

49.2664, 0.3331, 0.3627

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.7312, 0.3197, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2664, 0.3331, 0.3627 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(188, 188, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 188, 162) }
```

Border

The CSS property to change the border of an element to Yxy 49.2664, 0.3331, 0.3627 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, 162) }
```

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

```
.border{ border-color:rgb(188, 188, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 188, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 188, 162);  
box-shadow:4px 4px 4px 4px rgb(188, 188,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2664, 0.3331, 0.3627 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, 162) }
```

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

```
.background{ background-color: rgb(188,  
188, 162) }
```

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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