

Converting Colors

$Yxy(49.3304, 0.3630, 0.3788)$

Have a look what the booklet for
Yxy(49.3304, 0.3630, 0.3788)
contains.

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Color

Yxy(49.1627, 0.3624, 0.3779)

Conversions

Conversions Part 1

Format	Color
Hex	CCB891
RGB	204, 184, 145
RGB Percent	80%, 72%, 57%
CMY	0.2001, 0.2784, 0.4314
CMYK	0.00, 0.10, 0.29, 0.20
HSL	40°, 37%, 68%
HSV	40°, 29%, 80%
XYZ	47.1462, 49.1627, 33.7855
YIQ	185.5340, 24.4390, -7.8890

Conversions

Conversions Part 2

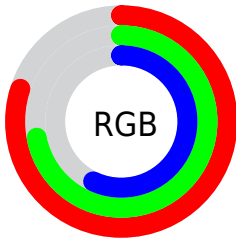
Format	Color
RYB	175, 204, 145
Decimal	13416593
CIELab	75.55, 1.17, 22.45
CIELCh	76, 22.479, 87.004
Yxy	49.1627, 0.3624, 0.3779
Android (android.graphics.Color)	4291606673 (0xFFCCB891)
YUV	185.5340, -19.9833, 16.1947
Hunter-Lab	70.1161, -2.6794, 20.5123

Details

The Yxy color **49.1627, 0.3624, 0.3779** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.2650, 0.2654, 0.2746**, and the grayscale version is **48.9310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7037, 0.3490, 0.3700**, and **23.4303, 0.3762, 0.3912** is the 20% darker color. If you saturate the color by 10%, you get **45.7936, 0.3824, 0.3952**, and if you desaturate by 10%, it is **52.7891, 0.3437, 0.3605**.

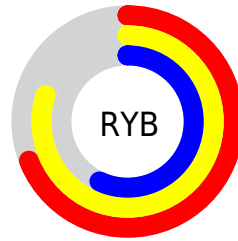
Distribution



Red (80%)

Green (72%)

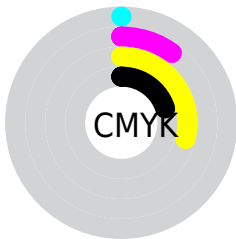
Blue (57%)



Red (69%)

Yellow (80%)

Blue (57%)

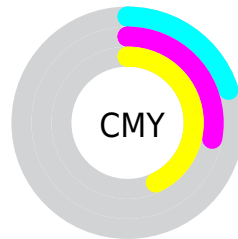


Cyan (0%)

Magenta (10%)

Yellow (29%)

Black (20%)



Cyan (20%)


Magenta (28%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1627, 0.3624, 0.3779 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 49.1627, 0.3624, 0.3779 by changing the saturation by 10% instead.


 49.1627, 0.3624,
0.3779


 49.1627, 0.3624,
0.3779


383.3825, 0.3379,
0.3539

 34.7486, 0.3684,
0.3837


 88.9331, 0.3536,
0.3693

 23.4693, 0.3759,
0.3910


 115.0581, 0.3503,
0.3660

 14.9404, 0.3857,
0.4005


145.8555, 0.3474,
0.3633

 8.7776, 0.3990,
0.4132

181.7097, 0.3450,
0.3609

 4.5964, 0.4175,
0.4307

223.0051, 0.3429,
0.3588

 2.0124, 0.4585,
0.4701

270.1261, 0.3410,

 0.6147, 0.4993,

0.3570

0.5007

323.4571, 0.3393,
0.3553

0.0000, 0.0000,
0.0000

49.1627, 0.3624,
0.3779

49.1627, 0.3624,
0.3779

45.7936, 0.3824,
0.3952

52.7891, 0.3437,
0.3605

42.6671, 0.4034,
0.4116

56.6736, 0.3266,
0.3435

39.7768, 0.4246,
0.4261

60.8255, 0.3111,
0.3273

37.1132, 0.4452,
0.4376

65.2517, 0.2972,
0.3121

34.6660, 0.4642,
0.4450

69.9586, 0.2849,
0.2980

■ 32.4231, 0.4805,
0.4475

■ 74.1300, 0.2807,
0.2973

■ 30.3662, 0.4938,
0.4453

■ 77.9458, 0.2812,
0.3048

■ 30.1526, 0.4952,
0.4450

■ 81.9143, 0.2816,
0.3123

■ 86.0371, 0.2821,
0.3196

Harmonies

Analogous

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



49.1627, 0.3740, 0.3591



49.1627, 0.3624, 0.3779



49.1627, 0.3375, 0.3841

Triad

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



49.1627, 0.3624, 0.3779



49.1627, 0.2600, 0.3198



49.1627, 0.3164, 0.2894

Complementary

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



49.1627, 0.3624, 0.3779



37.2650, 0.2654, 0.2746

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.



49.1627, 0.2863, 0.2790



49.1627, 0.3624, 0.3779



49.1627, 0.2549, 0.2948

Square

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



49.1627, 0.3624, 0.3779



49.1627, 0.2786, 0.3494



49.1627, 0.2643, 0.2805



49.1627, 0.3468, 0.3091

Rectangle

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



49.1627, 0.3624, 0.3779



49.1627, 0.3171, 0.3791



49.1627, 0.2643, 0.2805



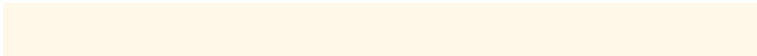
49.1627, 0.3059, 0.2847

Sweetspot

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



49.1649, 0.3624, 0.3779



93.7551, 0.3269, 0.3438



35.8189, 0.3539, 0.3028



19.8588, 0.3293, 0.3463



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.



49.1649, 0.3624, 0.3779



77.7502, 0.3754, 0.3893



56.8345, 0.3486, 0.4024



12.4325, 0.3274, 0.3443



19.1624, 0.4939, 0.4461



1.1254, 0.4758, 0.4604

Inverse Universe

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



37.2650, 0.2654, 0.2746



54.7541, 0.2538, 0.2600



31.4578, 0.2699, 0.2474



11.4540, 0.2983, 0.3132



5.5794, 0.1641, 0.1106



0.4279, 0.1753, 0.1509

Previews

White Background



This preview shows how the Yxy color 49.1627, 0.3624, 0.3779 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 49.1627, 0.3624, 0.3779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

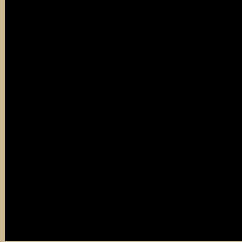
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.1627, 0.3624, 0.3779

Background



This preview shows how black text looks on a background with the Yxy color 49.1627, 0.3624, 0.3779.



This preview shows how white text looks on a background with the Yxy color 49.1627, 0.3624, 0.3779.

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

49.1627, 0.3624, 0.3779

Protanopia

49.1989, 0.3555, 0.3799

Deuteranopia

49.2209, 0.3762, 0.3687



Tritanopia

49.2019, 0.3283, 0.3123

Trichromacy



Original Color

49.1627, 0.3624, 0.3779

Protanomaly

49.0526, 0.3576, 0.3784

Deuteranomaly

49.2692, 0.3709, 0.3717

Tritanomaly

49.0031, 0.3406, 0.3352

Monochromacy



Original Color

49.1627, 0.3624, 0.3779

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9757, 0.3307, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1627, 0.3624, 0.3779 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(204, 184, 145)` looks like.

```
.text, #text, p{  
    color:rgb(204, 184, 145)  
}
```

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(204, 184, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 184, 145) }
```

Border

The CSS property to change the border of an element to Yxy 49.1627, 0.3624, 0.3779 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(204, 184, 145) }
```

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

```
.border{ border-color:rgb(204, 184, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 184, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 184, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 184, 145);  
box-shadow:4px 4px 4px 4px rgb(204, 184,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1627, 0.3624, 0.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 184, 145) }
```

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

```
.background{ background-color: rgb(204,  
184, 145) }
```

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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