

Converting Colors

$Yxy(49.9980, 0.3688, 0.3523)$

Have a look what the booklet for
Yxy(49.9980, 0.3688, 0.3523)
contains.

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Color

Yxy(49.8736, 0.3687, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	DEB29F
RGB	222, 178, 159
RGB Percent	87%, 70%, 62%
CMY	0.1295, 0.3019, 0.3764
CMYK	0.00, 0.20, 0.28, 0.13
HSL	18°, 49%, 75%
HSV	18°, 28%, 87%
XYZ	52.2992, 49.8736, 39.6748
YIQ	188.9900, 32.3230, 3.4190

Conversions

Conversions Part 2

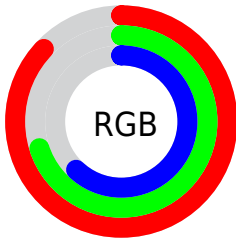
Format	Color
R _Y B	222, 186, 159
Decimal	14594719
CIE Lab	75.99, 13.21, 15.76
CIE LCh	76, 20.558, 50.031
Yxy	49.8736, 0.3687, 0.3516
Android (android.graphics.Color)	4292784799 (0xFFDEB29F)
YUV	188.9900, -14.7851, 28.9498
Hunter-Lab	70.6212, 8.6026, 16.1260

Details

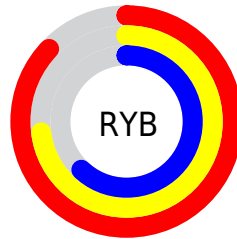
The Yxy color $49.8736, 0.3687, 0.3516$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $55.3476, 0.2692, 0.3051$, and the grayscale version is $50.9561, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.9607, 0.3402, 0.3490$, and $23.8569, 0.3842, 0.3558$ is the 20% darker color. If you saturate the color by 10%, you get $43.3490, 0.3955, 0.3599$, and if you desaturate by 10%, it is $57.2382, 0.3458, 0.3433$.

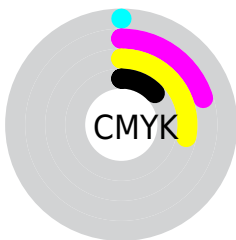
Distribution



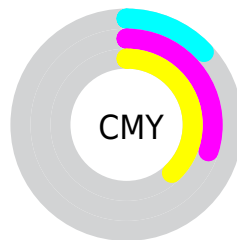
- Red (87%)
- Green (70%)
- Blue (62%)



- Red (87%)
- Yellow (73%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (28%)
- Black (13%)




- Cyan (13%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.8736, 0.3687, 0.3516 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 49.8736, 0.3687, 0.3516 by changing the saturation by 10% instead.


 49.8736, 0.3687,
0.3516

 49.8736, 0.3687,
0.3516


386.1714, 0.3408,
0.3410

 35.3130, 0.3756,
0.3540


 89.9876, 0.3586,
0.3479

 23.9041, 0.3844,
0.3569

 116.3097, 0.3548,
0.3465

 15.2625, 0.3961,
0.3606

147.3211, 0.3516,
0.3453

 9.0038, 0.4122,
0.3652

183.4062, 0.3488,
0.3442

 4.7437, 0.4356,
0.3710

224.9494, 0.3464,
0.3433

 2.0977, 0.4729,
0.3782

272.3351, 0.3443,

 0.6633, 0.5908,

0.3424

0.4092

325.9476, 0.3424,
0.3417

0.0000, 0.0000,
0.0000

49.8736, 0.3687,
0.3516

49.8736, 0.3687,
0.3516

43.3490, 0.3955,
0.3599

57.2382, 0.3458,
0.3433

37.6269, 0.4264,
0.3677

65.4647, 0.3265,
0.3353

32.6773, 0.4609,
0.3741

74.5829, 0.3103,
0.3278

28.4654, 0.4978,
0.3781

84.6189, 0.2966,
0.3209

24.9533, 0.5345,
0.3783

94.2669, 0.2929,
0.3289

■ 22.0996, 0.5676,
0.3738

■ 19.8544, 0.5939,
0.3651

■ 19.5392, 0.5978,
0.3636

Harmonies

Analogous

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



49.8736, 0.3598, 0.3283



49.8736, 0.3687, 0.3516



49.8736, 0.3617, 0.3705

Triad

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



49.8736, 0.3687, 0.3516



49.8736, 0.2871, 0.3534



49.8736, 0.2831, 0.2826

Complementary

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



49.8736, 0.3687, 0.3516



55.3476, 0.2692, 0.3051

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.



49.8736, 0.2653, 0.2868



49.8736, 0.3687, 0.3516



49.8736, 0.2675, 0.3269

Square

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



49.8736, 0.3687, 0.3516



49.8736, 0.3140, 0.3731



49.8736, 0.2598, 0.3025



49.8736, 0.3094, 0.2897

Rectangle

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



49.8736, 0.3687, 0.3516



49.8736, 0.3493, 0.3777



49.8736, 0.2598, 0.3025



49.8736, 0.2760, 0.2827

Sweetspot

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



49.8759, 0.3687, 0.3516



88.8075, 0.3278, 0.3358



44.6426, 0.3325, 0.2785



18.6415, 0.3304, 0.3370



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.



49.8759, 0.3687, 0.3516



62.8878, 0.3840, 0.3565



63.8220, 0.3590, 0.3866



14.3715, 0.3284, 0.3361



11.7790, 0.5951, 0.3657



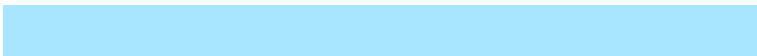
0.9704, 0.5647, 0.3898

Inverse Universe

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



55.3476, 0.2692, 0.3051



71.5269, 0.2605, 0.2994



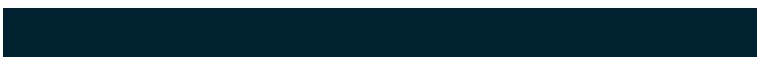
41.9996, 0.2649, 0.2639



14.8376, 0.2982, 0.3218



17.2631, 0.1966, 0.2279



1.3515, 0.2015, 0.2453

Previews

White Background



This preview shows how the Yxy color 49.8736, 0.3687, 0.3516 looks on a white background.

Color Contrast Check

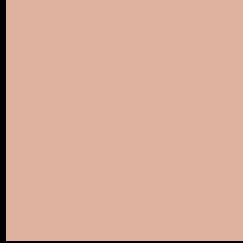
Large Text (above 18pt) WCAG AA × Fail

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 49.8736, 0.3687, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

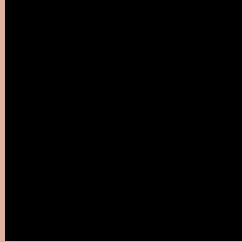
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.8736, 0.3687, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 49.8736, 0.3687, 0.3516.



This preview shows how white text looks on a background with the Yxy color 49.8736, 0.3687, 0.3516.

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

49.8736, 0.3687, 0.3516

Protanopia

49.9567, 0.3387, 0.3582

Deuteranopia

49.7446, 0.3626, 0.3544



Tritanopia

49.8675, 0.3474, 0.3141

Trichromacy



Original Color

49.8736, 0.3687, 0.3516

Protanomaly

49.8688, 0.3490, 0.3564

Deuteranomaly

49.6488, 0.3648, 0.3531

Tritanomaly

49.6816, 0.3552, 0.3268

Monochromacy



Original Color

49.8736, 0.3687, 0.3516

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.3298, 0.3320, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8736, 0.3687, 0.3516 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(222, 178, 159)` looks like.

```
.text, #text, p{  
    color:rgb(222, 178, 159)  
}
```

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(222, 178, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 178, 159) }
```

Border

The CSS property to change the border of an element to Yxy 49.8736, 0.3687, 0.3516 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(222, 178, 159) }
```

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

```
.border{ border-color:rgb(222, 178, 159) }
```

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

Here you see how a box with a 4 pixel rgb(222, 178, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 178, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 178, 159);  
box-shadow:4px 4px 4px 4px rgb(222, 178,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8736, 0.3687, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 178, 159) }
```

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

```
.background{ background-color: rgb(222,  
178, 159) }
```

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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