

Converting Colors

$Y_{xy}(49.3753, 0.3722, 0.3550)$

Have a look what the booklet for
Yxy(49.3753, 0.3722, 0.3550)
contains.

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Color

Yxy(49.3404, 0.3726, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	DEB19B
RGB	222, 177, 155
RGB Percent	87%, 69%, 61%
CMY	0.1295, 0.3058, 0.3921
CMYK	0.00, 0.20, 0.30, 0.13
HSL	20°, 50%, 74%
HSV	20°, 30%, 87%
XYZ	51.7574, 49.3404, 37.8110
YIQ	187.9470, 33.8820, 2.6980

Conversions

Conversions Part 2

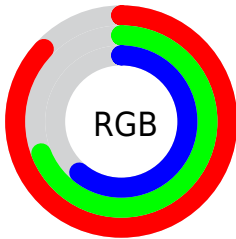
Format	Color
R _Y B	222, 188, 155
Decimal	14594459
CIE Lab	75.66, 13.20, 17.46
CIE LCh	76, 21.892, 52.903
Yxy	49.3404, 0.3726, 0.3552
Android (android.graphics.Color)	4292784539 (0xFFDEB19B)
YUV	187.9470, -16.2429, 29.8645
Hunter-Lab	70.2427, 8.6006, 17.2547

Details

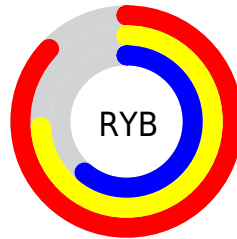
The Yxy color **49.3404, 0.3726, 0.3552** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.5374, 0.2663, 0.3011**, and the grayscale version is **50.3379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1413, 0.3437, 0.3531**, and **23.5218, 0.3898, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **43.0938, 0.3996, 0.3642**, and if you desaturate by 10%, it is **56.3717, 0.3494, 0.3461**.

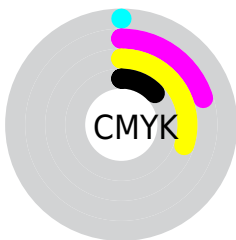
Distribution



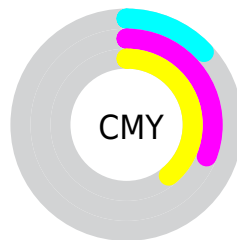
- Red (87%)
- Green (69%)
- Blue (61%)



- Red (87%)
- Yellow (74%)
- Blue (61%)



- Cyan (0%)
- Magenta (20%)
- Yellow (30%)
- Black (13%)



- Cyan (13%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3404, 0.3726, 0.3552 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 49.3404, 0.3726, 0.3552 by changing the saturation by 10% instead.

 49.3404, 0.3726,
0.3552


 49.3404, 0.3726,
0.3552

384.0809, 0.3427,
0.3429

 34.8896, 0.3800,
0.3580


 89.1968, 0.3618,
0.3509

 23.5778, 0.3895,
0.3614


 115.3712, 0.3577,
0.3493

 15.0208, 0.4019,
0.3656


146.2222, 0.3542,
0.3479

 8.8340, 0.4191,
0.3710

182.1343, 0.3513,
0.3466

 4.6330, 0.4441,
0.3776

223.4918, 0.3487,
0.3455

 2.0336, 0.4856,
0.3873

270.6791, 0.3465,

 0.6269, 0.5949,

0.3446


0.4051


324.0807, 0.3445,
0.3437

 0.0000, 0.0000,
0.0000


 49.3404, 0.3726,
0.3552


 49.3404, 0.3726,
0.3552


 43.0938, 0.3996,
0.3642

 56.3717, 0.3494,
0.3461


 37.5969, 0.4303,
0.3725


 64.2075, 0.3297,
0.3374


 32.8223, 0.4643,
0.3792

 72.8752, 0.3130,
0.3291

 28.7376, 0.5001,
0.3831

 82.3990, 0.2989,
0.3215

 25.3083, 0.5352,
0.3830

 92.0732, 0.2928,
0.3254

■ 22.4957, 0.5664,
0.3779

■ 94.2654, 0.2929,
0.3289

■ 20.2824, 0.5910,
0.3689

Harmonies

Analogous

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



49.3404, 0.3647, 0.3305



49.3404, 0.3726, 0.3552



49.3404, 0.3635, 0.3747

Triad

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



49.3404, 0.3726, 0.3552



49.3404, 0.2828, 0.3526



49.3404, 0.2835, 0.2798

Complementary

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



49.3404, 0.3726, 0.3552



53.5374, 0.2663, 0.3011

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.



49.3404, 0.2635, 0.2830



49.3404, 0.3726, 0.3552



49.3404, 0.2631, 0.3240

Square

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



49.3404, 0.3726, 0.3552



49.3404, 0.3111, 0.3748



49.3404, 0.2563, 0.2986



49.3404, 0.3121, 0.2884

Rectangle

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



49.3404, 0.3726, 0.3552



49.3404, 0.3494, 0.3816



49.3404, 0.2563, 0.2986



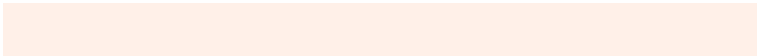
49.3404, 0.2756, 0.2795

Sweetspot

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



49.3427, 0.3726, 0.3552



89.1687, 0.3277, 0.3364



43.1785, 0.3351, 0.2764



18.7300, 0.3303, 0.3377



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.



49.3427, 0.3726, 0.3552



62.2128, 0.3886, 0.3608



63.8363, 0.3618, 0.3915



14.4325, 0.3284, 0.3368



12.2318, 0.5884, 0.3710



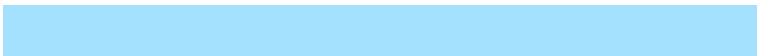
1.0076, 0.5583, 0.3949

Inverse Universe

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



53.5374, 0.2663, 0.3011



68.7892, 0.2572, 0.2945



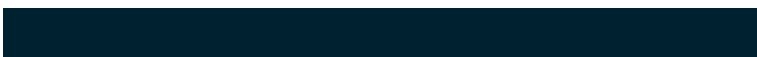
39.9857, 0.2614, 0.2576



14.7736, 0.2982, 0.3211



16.1212, 0.1940, 0.2183



1.2789, 0.1993, 0.2374

Previews

White Background



This preview shows how the Yxy color 49.3404, 0.3726, 0.3552 looks on a white background.

Color Contrast Check

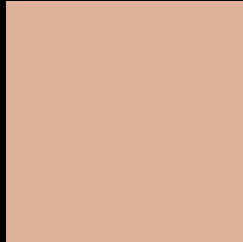
Large Text (above 18pt) WCAG AA × Fail

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 49.3404, 0.3726, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

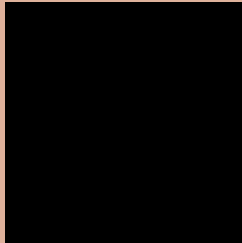
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3404, 0.3726, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 49.3404, 0.3726, 0.3552.



This preview shows how white text looks on a background with the Yxy color 49.3404, 0.3726, 0.3552.

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

49.3404, 0.3726, 0.3552

Protanopia

49.3916, 0.3422, 0.3621

Deuteranopia

49.2057, 0.3664, 0.3581



Tritanopia

49.4399, 0.3485, 0.3141

Trichromacy



Original Color

49.3404, 0.3726, 0.3552

Protanomaly

49.3147, 0.3526, 0.3602

Deuteranomaly

49.1128, 0.3686, 0.3567

Tritanomaly

49.2145, 0.3573, 0.3280

Monochromacy



Original Color

49.3404, 0.3726, 0.3552

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.6949, 0.3329, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3404, 0.3726, 0.3552 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, 177, 155)` looks like.

```
.text, #text, p{  
    color:rgb(222, 177, 155)  
}
```

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, 177, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 177, 155) }
```

Border

The CSS property to change the border of an element to Yxy 49.3404, 0.3726, 0.3552 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, 177, 155) }
```

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

```
.border{ border-color:rgb(222, 177, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 177, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 177, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 177, 155);  
box-shadow:4px 4px 4px 4px rgb(222, 177,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3404, 0.3726, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 177, 155) }
```

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

```
.background{ background-color: rgb(222,  
177, 155) }
```

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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