

Converting Colors

$Yxy(48.8224, 0.3542, 0.3351)$

Have a look what the booklet for
Yxy(48.8224, 0.3542, 0.3351)
contains.

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Color

Yxy(48.7427, 0.3540, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	D9B0AB
RGB	217, 176, 171
RGB Percent	85%, 69%, 67%
CMY	0.1490, 0.3098, 0.3294
CMYK	0.00, 0.19, 0.21, 0.15
HSL	7°, 38%, 76%
HSV	7°, 21%, 85%
XYZ	51.4918, 48.7427, 45.2226
YIQ	187.6890, 26.0410, 7.1370

Conversions

Conversions Part 2

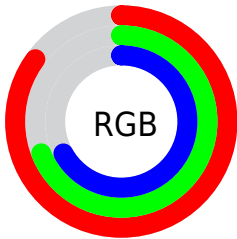
Format	Color
RYB	217, 177, 171
Decimal	14266539
CIELab	75.29, 14.11, 8.18
CIELCh	75, 16.306, 30.101
Yxy	48.7427, 0.3540, 0.3351
Android (android.graphics.Color)	4292456619 (0xFFD9B0AB)
YUV	187.6890, -8.2277, 25.7057
Hunter-Lab	69.8160, 9.4723, 10.4666

Details

The Yxy color **48.7427, 0.3540, 0.3351** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.7549, 0.2809, 0.3228**, and the grayscale version is **50.1416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4642, 0.3325, 0.3350**, and **23.0749, 0.3651, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **40.9322, 0.3806, 0.3382**, and if you desaturate by 10%, it is **57.7740, 0.3323, 0.3321**.

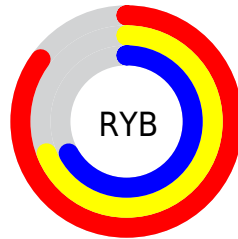
Distribution



Red (85%)

Green (69%)

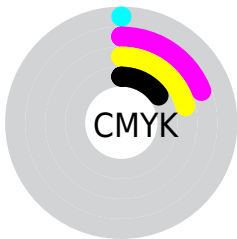
Blue (67%)



Red (85%)

Yellow (69%)

Blue (67%)

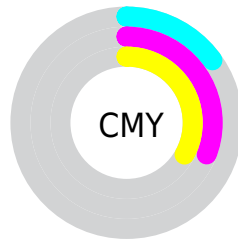


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (15%)



Cyan (15%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7427, 0.3540, 0.3351 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 48.7427, 0.3540, 0.3351 by changing the saturation by 10% instead.


 48.7427, 0.3540,
0.3351

 48.7427, 0.3540,
0.3351

381.7285, 0.3334,
0.3324

 34.4154, 0.3592,
0.3357


 88.3092, 0.3465,
0.3342

 23.2129, 0.3658,
0.3363


114.3172, 0.3437,
0.3338

 14.7508, 0.3746,
0.3371


144.9875, 0.3413,
0.3335

 8.6447, 0.3868,
0.3381

180.7046, 0.3393,
0.3332

 4.5102, 0.4050,
0.3390

221.8529, 0.3375,
0.3330

 1.9628, 0.4348,
0.3395

268.8167, 0.3359,

 0.5857, 0.5807,

0.3328


0.3769

321.9804, 0.3346,
0.3326

 0.0000, 0.0000,
0.0000

 48.7427, 0.3540,
0.3351

 48.7427, 0.3540,
0.3351


 40.9322, 0.3806,
0.3382


 57.7740, 0.3323,
0.3321

 34.2837, 0.4128,
0.3412


 68.0684, 0.3146,
0.3293

 28.7437, 0.4508,
0.3438

 79.6743, 0.3002,
0.3268

 24.2517, 0.4937,
0.3455

 92.4538, 0.2899,
0.3273

 20.7413, 0.5387,
0.3458

 93.4921, 0.2900,
0.3289

■ 18.1387, 0.5808,
0.3440

■ 16.3594, 0.6137,
0.3401

■ 15.3890, 0.6322,
0.3362

Harmonies

Analogous

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



48.7427, 0.3395, 0.3163



48.7427, 0.3540, 0.3351



48.7427, 0.3569, 0.3532

Triad

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



48.7427, 0.3540, 0.3351



48.7427, 0.3063, 0.3597



48.7427, 0.2785, 0.2929

Complementary

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



48.7427, 0.3540, 0.3351



60.7549, 0.2809, 0.3228

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.



48.7427, 0.2704, 0.3028



48.7427, 0.3540, 0.3351



48.7427, 0.2860, 0.3417

Square

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



48.7427, 0.3540, 0.3351



48.7427, 0.3288, 0.3685



48.7427, 0.2731, 0.3206



48.7427, 0.2956, 0.2924

Rectangle

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



48.7427, 0.3540, 0.3351



48.7427, 0.3519, 0.3624



48.7427, 0.2731, 0.3206



48.7427, 0.2746, 0.2952

Sweetspot

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



48.7449, 0.3540, 0.3351



90.6597, 0.3227, 0.3306



48.6524, 0.3189, 0.2815



19.1961, 0.3239, 0.3308



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.



48.7449, 0.3540, 0.3351



65.5045, 0.3641, 0.3363



58.3566, 0.3486, 0.3614



13.2783, 0.3289, 0.3316



9.3909, 0.6307, 0.3374



0.6869, 0.6083, 0.3552

Inverse Universe

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



60.7549, 0.2809, 0.3228



85.5047, 0.2752, 0.3215



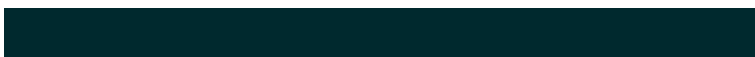
50.2365, 0.2789, 0.2943



14.5750, 0.2982, 0.3264



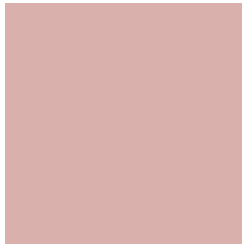
26.3231, 0.2152, 0.2946



1.7760, 0.2169, 0.3007

Previews

White Background



This preview shows how the Yxy color 48.7427, 0.3540, 0.3351 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 48.7427, 0.3540, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

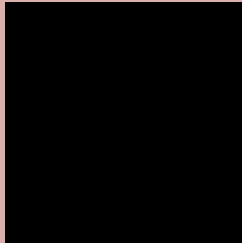
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7427, 0.3540, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 48.7427, 0.3540, 0.3351.



This preview shows how white text looks on a background with the Yxy color 48.7427, 0.3540, 0.3351.

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

48.7427, 0.3540, 0.3351

Protanopia

48.9089, 0.3249, 0.3405

Deuteranopia

48.6978, 0.3469, 0.3401



Tritanopia

48.9200, 0.3420, 0.3138

Trichromacy



Original Color

48.7427, 0.3540, 0.3351

Protanomaly

48.7912, 0.3349, 0.3391

Deuteranomaly

48.7401, 0.3499, 0.3388

Tritanomaly

48.9016, 0.3462, 0.3220

Monochromacy



Original Color

48.7427, 0.3540, 0.3351

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.8005, 0.3271, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7427, 0.3540, 0.3351 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(217, 176, 171)` looks like.

```
.text, #text, p{  
    color:rgb(217, 176, 171)  
}
```

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(217, 176, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 176, 171) }
```

Border

The CSS property to change the border of an element to Yxy 48.7427, 0.3540, 0.3351 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(217, 176, 171) }
```

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

```
.border{ border-color:rgb(217, 176, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 176, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 176, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 176, 171);  
box-shadow:4px 4px 4px 4px rgb(217, 176,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7427, 0.3540, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 176, 171) }
```

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

```
.background{ background-color: rgb(217,  
176, 171) }
```

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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