

Converting Colors

$Yxy(48.6454, 0.3457, 0.3331)$

Have a look what the booklet for
Yxy(48.6454, 0.3457, 0.3331)
contains.

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Color

Yxy(48.7457, 0.3455, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	D3B2AE
RGB	211, 178, 174
RGB Percent	83%, 70%, 68%
CMY	0.1725, 0.3019, 0.3178
CMYK	0.00, 0.16, 0.18, 0.17
HSL	7°, 30%, 75%
HSV	7°, 18%, 83%
XYZ	50.4241, 48.7457, 46.7754
YIQ	187.4110, 20.9520, 5.7520

Conversions

Conversions Part 2

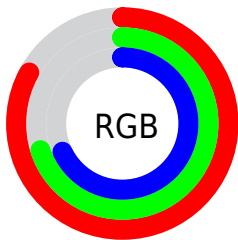
Format	Color
R _Y B	211, 178, 174
Decimal	13873838
CIE Lab	75.29, 11.26, 6.49
CIE LCh	75, 12.999, 29.963
Yxy	48.7457, 0.3455, 0.3340
Android (android.graphics.Color)	4292063918 (0xFFD3B2AE)
YUV	187.4110, -6.6116, 20.6876
Hunter-Lab	69.8181, 6.7346, 9.1507

Details

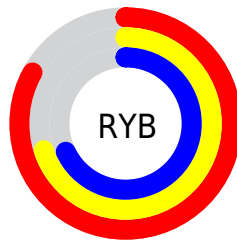
The Yxy color **48.7457, 0.3455, 0.3340** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.3099, 0.2862, 0.3239**, and the grayscale version is **49.9681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7628, 0.3303, 0.3340**, and **23.1403, 0.3544, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **41.0131, 0.3702, 0.3371**, and if you desaturate by 10%, it is **57.6372, 0.3254, 0.3311**.

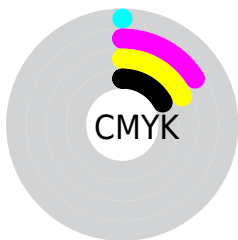
Distribution



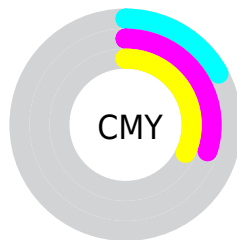
- Red (83%)
- Green (70%)
- Blue (68%)



- Red (83%)
- Yellow (70%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (18%)
- Black (17%)



- Cyan (17%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7457, 0.3455, 0.3340 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 48.7457, 0.3455, 0.3340 by changing the saturation by 10% instead.


 48.7457, 0.3455,
0.3340

 48.7457, 0.3455,
0.3340


381.7403, 0.3291,
0.3317

 34.4178, 0.3496,
0.3345


 88.3136, 0.3396,
0.3332

 23.2147, 0.3548,
0.3351


114.3225, 0.3373,
0.3329

 14.7522, 0.3618,
0.3359


144.9937, 0.3354,
0.3327

 8.6456, 0.3715,
0.3368

180.7118, 0.3338,
0.3324

 4.5108, 0.3860,
0.3379

221.8611, 0.3324,
0.3322

 1.9632, 0.4098,
0.3390

268.8261, 0.3312,

 0.5860, 0.5193,

0.3320

0.3658

321.9910, 0.3301,
0.3319

0.0000, 0.0000,
0.0000

48.7457, 0.3455,
0.3340

48.7457, 0.3455,
0.3340

41.0131, 0.3702,
0.3371

57.6372, 0.3254,
0.3311

34.3853, 0.4002,
0.3402

67.7256, 0.3090,
0.3284

28.8138, 0.4360,
0.3430

79.0556, 0.2957,
0.3259

24.2438, 0.4772,
0.3451

91.4484, 0.2865,
0.3271

20.6158, 0.5218,
0.3459

92.5909, 0.2866,
0.3289

■ 17.8637, 0.5656,
0.3450

■ 15.9128, 0.6026,
0.3419

■ 14.6744, 0.6274,
0.3372

■ 14.4646, 0.6320,
0.3364

Harmonies

Analogous

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



48.7457, 0.3340, 0.3188



48.7457, 0.3455, 0.3340



48.7457, 0.3479, 0.3484

Triad

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



48.7457, 0.3455, 0.3340



48.7457, 0.3078, 0.3533



48.7457, 0.2852, 0.3001

Complementary

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



48.7457, 0.3455, 0.3340



58.3099, 0.2862, 0.3239

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.



48.7457, 0.2787, 0.3083



48.7457, 0.3455, 0.3340



48.7457, 0.2915, 0.3392

Square

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



48.7457, 0.3455, 0.3340



48.7457, 0.3258, 0.3603



48.7457, 0.2810, 0.3225



48.7457, 0.2991, 0.2996

Rectangle

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



48.7457, 0.3455, 0.3340



48.7457, 0.3440, 0.3557



48.7457, 0.2810, 0.3225



48.7457, 0.2822, 0.3020

Sweetspot

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



48.7479, 0.3455, 0.3340



92.1714, 0.3210, 0.3304



48.6284, 0.3178, 0.2899



19.5012, 0.3222, 0.3306



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.



48.7479, 0.3455, 0.3340



70.2657, 0.3540, 0.3351



56.4724, 0.3418, 0.3556



12.0129, 0.3288, 0.3316



8.8022, 0.6304, 0.3376



0.5639, 0.6054, 0.3575

Inverse Universe

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



58.3099, 0.2862, 0.3239



87.5488, 0.2809, 0.3228



49.9998, 0.2850, 0.3009



13.1775, 0.2983, 0.3264



24.6313, 0.2152, 0.2946



1.4417, 0.2171, 0.3014

Previews

White Background



This preview shows how the Yxy color 48.7457, 0.3455, 0.3340 looks on a white background.

Color Contrast Check

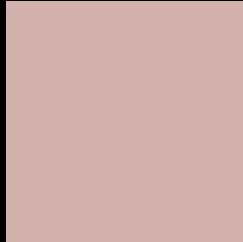
Large Text (above 18pt) WCAG AA × Fail

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 48.7457, 0.3455, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

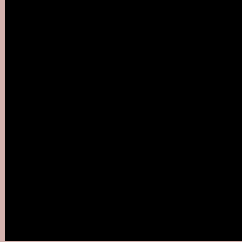
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7457, 0.3455, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 48.7457, 0.3455, 0.3340.



This preview shows how white text looks on a background with the Yxy color 48.7457, 0.3455, 0.3340.

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

48.7457, 0.3455, 0.3340

Protanopia

48.9886, 0.3233, 0.3379

Deuteranopia

48.7061, 0.3425, 0.3352



Tritanopia

48.8709, 0.3346, 0.3136

Trichromacy



Original Color

48.7457, 0.3455, 0.3340

Protanomaly

48.6360, 0.3306, 0.3353

Deuteranomaly

48.8515, 0.3434, 0.3352

Tritanomaly

48.9020, 0.3379, 0.3207

Monochromacy



Original Color

48.7457, 0.3455, 0.3340

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.3941, 0.3245, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7457, 0.3455, 0.3340 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(211, 178, 174)` looks like.

```
.text, #text, p{  
    color:rgb(211, 178, 174)  
}
```

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(211, 178, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 178, 174) }
```

Border

The CSS property to change the border of an element to Yxy 48.7457, 0.3455, 0.3340 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(211, 178, 174) }
```

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

```
.border{ border-color:rgb(211, 178, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 178, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 178, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 178, 174);  
box-shadow:4px 4px 4px 4px rgb(211, 178,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7457, 0.3455, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 178, 174) }
```

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

```
.background{ background-color: rgb(211,  
178, 174) }
```

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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