

Converting Colors

$Yxy(48.0453, 0.3454, 0.3366)$

Have a look what the booklet for
Yxy(48.0453, 0.3454, 0.3366)
contains.

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Color

Yxy(47.7945, 0.3456, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	D0B1AB
RGB	208, 177, 171
RGB Percent	82%, 69%, 67%
CMY	0.1842, 0.3059, 0.3295
CMYK	0.00, 0.15, 0.18, 0.18
HSL	10°, 28%, 74%
HSV	10°, 18%, 82%
XYZ	49.0870, 47.7945, 45.1527
YIQ	185.5850, 20.4020, 4.7060

Conversions

Conversions Part 2

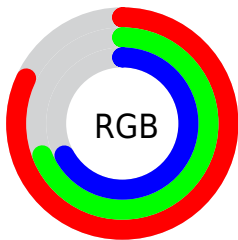
Format	Color
R_{YB}	208, 178, 171
Decimal	13676971
CIE _{Lab}	74.70, 10.23, 7.23
CIE _{LCh}	75, 12.524, 35.246
Yxy	47.7945, 0.3456, 0.3365
Android (android.graphics.Color)	4291867051 (0xFFD0B1AB)
YUV	185.5850, -7.1904, 19.6580
Hunter-Lab	69.1336, 5.7569, 9.6699

Details

The Yxy color **47.7945, 0.3456, 0.3365** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.4473, 0.2857, 0.3214**, and the grayscale version is **48.8923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0288, 0.3323, 0.3360**, and **22.5195, 0.3547, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **40.6177, 0.3697, 0.3410**, and if you desaturate by 10%, it is **55.9787, 0.3257, 0.3322**.

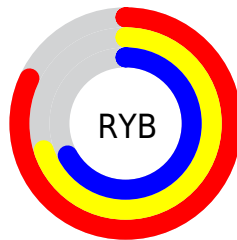
Distribution



Red (82%)

Green (69%)

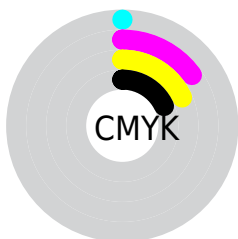
Blue (67%)



Red (82%)

Yellow (70%)

Blue (67%)

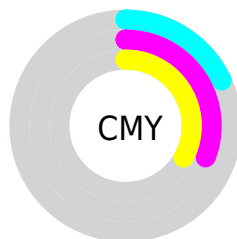


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (18%)



Cyan (18%)


Magenta (31%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7945, 0.3456, 0.3365 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 47.7945, 0.3456, 0.3365 by changing the saturation by 10% instead.


 47.7945, 0.3456,
0.3365

 47.7945, 0.3456,
0.3365


377.9770, 0.3291,
0.3330

 33.6642, 0.3497,
0.3373


 86.8984, 0.3396,
0.3353

 22.6357, 0.3550,
0.3383


112.6407, 0.3374,
0.3348

 14.3248, 0.3621,
0.3396


143.0225, 0.3354,
0.3344

 8.3469, 0.3720,
0.3412

178.4281, 0.3338,
0.3340

 4.3177, 0.3868,
0.3434

219.2420, 0.3324,
0.3337

 1.8528, 0.4113,
0.3461

265.8485, 0.3312,

 0.5198, 0.5617,

0.3334

318.6320, 0.3301,
0.3332

0.3925

0.0000, 0.0000,
0.0000

47.7945, 0.3456,
0.3365

47.7945, 0.3456,
0.3365

40.6177, 0.3697,
0.3410

55.9787, 0.3257,
0.3322

34.4029, 0.3988,
0.3456

65.2005, 0.3094,
0.3281

29.1111, 0.4332,
0.3498

75.4968, 0.2960,
0.3245

24.6979, 0.4725,
0.3530

86.9008, 0.2849,
0.3211

21.1152, 0.5151,
0.3545

92.1526, 0.2849,
0.3289

■ 18.3103, 0.5573,
0.3536

■ 16.2242, 0.5940,
0.3496

■ 14.7872, 0.6202,
0.3432

■ 14.5477, 0.6250,
0.3420

Harmonies

Analogous

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



47.7945, 0.3359, 0.3216



47.7945, 0.3456, 0.3365



47.7945, 0.3462, 0.3500

Triad

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



47.7945, 0.3456, 0.3365



47.7945, 0.3049, 0.3505



47.7945, 0.2880, 0.3003

Complementary

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



47.7945, 0.3456, 0.3365



55.4473, 0.2857, 0.3214

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.



47.7945, 0.2803, 0.3070



47.7945, 0.3456, 0.3365



47.7945, 0.2898, 0.3361

Square

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



47.7945, 0.3456, 0.3365



47.7945, 0.3224, 0.3587



47.7945, 0.2809, 0.3200



47.7945, 0.3024, 0.3011

Rectangle

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



47.7945, 0.3456, 0.3365



47.7945, 0.3414, 0.3563



47.7945, 0.2809, 0.3200



47.7945, 0.2845, 0.3018

Sweetspot

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



47.7967, 0.3456, 0.3365



92.5826, 0.3209, 0.3310



46.8149, 0.3194, 0.2915



19.6007, 0.3221, 0.3313



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.



47.7967, 0.3456, 0.3365



71.6716, 0.3534, 0.3380



55.4060, 0.3419, 0.3581



12.1145, 0.3287, 0.3328



9.1593, 0.6230, 0.3435



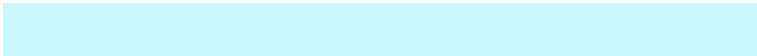
0.6114, 0.5908, 0.3691

Inverse Universe

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



55.4473, 0.2857, 0.3214



85.7867, 0.2807, 0.3198



47.4660, 0.2845, 0.2981



13.0659, 0.2983, 0.3251



21.8642, 0.2102, 0.2767



1.3120, 0.2131, 0.2873

Previews

White Background



This preview shows how the Yxy color 47.7945, 0.3456, 0.3365 looks on a white background.

Color Contrast Check

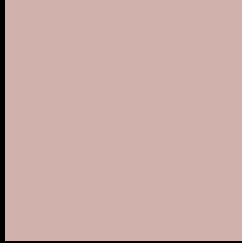
Large Text (above 18pt) WCAG AA × Fail

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 47.7945, 0.3456, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

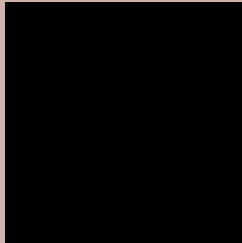
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7945, 0.3456, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 47.7945, 0.3456, 0.3365.



This preview shows how white text looks on a background with the Yxy color 47.7945, 0.3456, 0.3365.

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

47.7945, 0.3456, 0.3365

Protanopia

47.7418, 0.3251, 0.3406

Deuteranopia

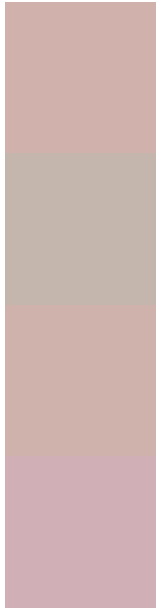
48.0465, 0.3444, 0.3377



Tritanopia

47.6046, 0.3331, 0.3122

Trichromacy



Original Color

47.7945, 0.3456, 0.3365

Protanomaly

47.8006, 0.3323, 0.3392

Deuteranomaly

48.0465, 0.3444, 0.3377

Tritanomaly

47.5927, 0.3372, 0.3206

Monochromacy



Original Color

47.7945, 0.3456, 0.3365

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.6725, 0.3237, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7945, 0.3456, 0.3365 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(208, 177, 171)` looks like.

```
.text, #text, p{  
    color:rgb(208, 177, 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(208, 177, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 177, 171) }
```

Border

The CSS property to change the border of an element to Yxy 47.7945, 0.3456, 0.3365 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(208, 177, 171) }
```

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

```
.border{ border-color:rgb(208, 177, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 177, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 177, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 177, 171);  
box-shadow:4px 4px 4px 4px rgb(208, 177,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7945, 0.3456, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 177, 171) }
```

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

```
.background{ background-color: rgb(208,  
177, 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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