

Converting Colors

$Yxy(48.8392, 0.3441, 0.3372)$

Have a look what the booklet for
Yxy(48.8392, 0.3441, 0.3372)
contains.

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Color

Yxy(48.6672, 0.3434, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	D0B3AD
RGB	208, 179, 173
RGB Percent	82%, 70%, 68%
CMY	0.1843, 0.2980, 0.3215
CMYK	0.00, 0.14, 0.17, 0.18
HSL	10°, 27%, 75%
HSV	10°, 17%, 82%
XYZ	49.6799, 48.6672, 46.3235
YIQ	186.9870, 19.2100, 4.2820

Conversions

Conversions Part 2

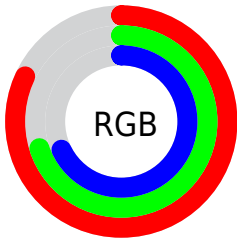
Format	Color
R _Y B	208, 180, 173
Decimal	13677485
CIE Lab	75.24, 9.47, 6.90
CIE LCh	75, 11.716, 36.054
Yxy	48.6672, 0.3434, 0.3364
Android (android.graphics.Color)	4291867565 (0xFFD0B3AD)
YUV	186.9870, -6.8956, 18.4284
Hunter-Lab	69.7619, 5.0329, 9.4634

Details

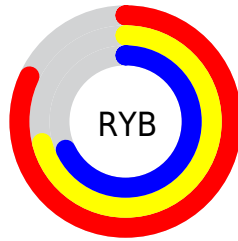
The Yxy color **48.6672, 0.3434, 0.3364** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.7028, 0.2872, 0.3215**, and the grayscale version is **49.7204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2781, 0.3308, 0.3360**, and **23.0745, 0.3516, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **41.4378, 0.3670, 0.3411**, and if you desaturate by 10%, it is **56.8915, 0.3240, 0.3319**.

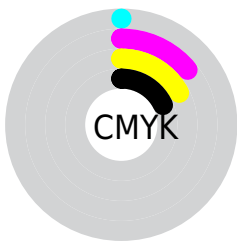
Distribution



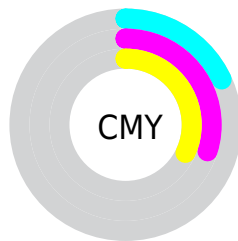
- Red (82%)
- Green (70%)
- Blue (68%)



- Red (82%)
- Yellow (71%)
- Blue (68%)



- Cyan (0%)
- Magenta (14%)
- Yellow (17%)
- Black (18%)




- Cyan (18%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6672, 0.3434, 0.3364 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 48.6672, 0.3434, 0.3364 by changing the saturation by 10% instead.


 48.6672, 0.3434,
0.3364

 48.6672, 0.3434,
0.3364

381.4307, 0.3281,
0.3329

 34.3556, 0.3472,
0.3372


 88.1970, 0.3378,
0.3352

 23.1669, 0.3521,
0.3382


114.1839, 0.3357,
0.3347

 14.7168, 0.3587,
0.3395


144.8314, 0.3340,
0.3343

 8.6209, 0.3678,
0.3411

180.5238, 0.3325,
0.3339

 4.4947, 0.3813,
0.3434

221.6455, 0.3311,
0.3336

 1.9540, 0.4036,
0.3463

268.5810, 0.3300,

 0.5805, 0.5173,

0.3334

0.3836

321.7146, 0.3290,
0.3331

0.0000, 0.0000,
0.0000

48.6672, 0.3434,
0.3364

48.6672, 0.3434,
0.3364

41.4378, 0.3670,
0.3411

56.8915, 0.3240,
0.3319

35.1590, 0.3954,
0.3459

66.1397, 0.3080,
0.3277

29.7932, 0.4291,
0.3504

76.4477, 0.2948,
0.3239

25.2974, 0.4677,
0.3539

87.7682, 0.2845,
0.3217

21.6252, 0.5097,
0.3558

92.1518, 0.2849,
0.3289

■ 18.7260, 0.5519,
0.3551

■ 16.5432, 0.5893,
0.3514

■ 15.0114, 0.6167,
0.3449

■ 14.6436, 0.6237,
0.3430

Harmonies

Analogous

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



48.6672, 0.3346, 0.3225



48.6672, 0.3434, 0.3364



48.6672, 0.3437, 0.3488

Triad

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



48.6672, 0.3434, 0.3364



48.6672, 0.3051, 0.3487



48.6672, 0.2900, 0.3022

Complementary

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



48.6672, 0.3434, 0.3364



55.7028, 0.2872, 0.3215

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.



48.6672, 0.2826, 0.3084



48.6672, 0.3434, 0.3364



48.6672, 0.2911, 0.3352

Square

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



48.6672, 0.3434, 0.3364



48.6672, 0.3213, 0.3565



48.6672, 0.2830, 0.3203



48.6672, 0.3035, 0.3031

Rectangle

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



48.6672, 0.3434, 0.3364



48.6672, 0.3391, 0.3546



48.6672, 0.2830, 0.3203



48.6672, 0.2867, 0.3035

Sweetspot

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



48.6694, 0.3434, 0.3364



92.6439, 0.3209, 0.3311



47.5822, 0.3194, 0.2943



19.6155, 0.3221, 0.3314



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.



48.6694, 0.3434, 0.3364



73.0594, 0.3510, 0.3380



56.0683, 0.3400, 0.3571



12.1297, 0.3286, 0.3330



9.2230, 0.6218, 0.3445



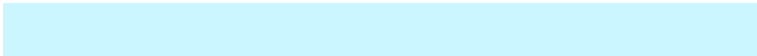
0.6185, 0.5887, 0.3708

Inverse Universe

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



55.7028, 0.2872, 0.3215



86.1490, 0.2821, 0.3198



48.0100, 0.2861, 0.2992



13.0493, 0.2983, 0.3249



21.4710, 0.2095, 0.2740



1.2934, 0.2126, 0.2852

Previews

White Background



This preview shows how the Yxy color 48.6672, 0.3434, 0.3364 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 48.6672, 0.3434, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

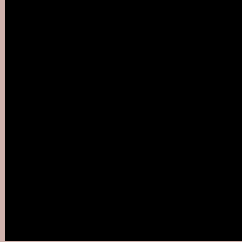
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6672, 0.3434, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 48.6672, 0.3434, 0.3364.



This preview shows how white text looks on a background with the Yxy color 48.6672, 0.3434, 0.3364.

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

48.6672, 0.3434, 0.3364

Protanopia

48.9089, 0.3249, 0.3405

Deuteranopia

48.6672, 0.3434, 0.3364



Tritanopia

48.4700, 0.3311, 0.3122

Trichromacy



Original Color

48.6672, 0.3434, 0.3364

Protanomaly

48.8324, 0.3312, 0.3391

Deuteranomaly

48.6672, 0.3434, 0.3364

Tritanomaly

48.4603, 0.3352, 0.3206

Monochromacy



Original Color

48.6672, 0.3434, 0.3364

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.2605, 0.3237, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6672, 0.3434, 0.3364 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, 179, 173)` looks like.

```
.text, #text, p{  
    color:rgb(208, 179, 173)  
}
```

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, 179, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 179, 173) }
```

Border

The CSS property to change the border of an element to Yxy 48.6672, 0.3434, 0.3364 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, 179, 173) }
```

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

```
.border{ border-color:rgb(208, 179, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 179, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 179, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 179, 173);  
box-shadow:4px 4px 4px 4px rgb(208, 179,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6672, 0.3434, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 179, 173) }
```

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

```
.background{ background-color: rgb(208,  
179, 173) }
```

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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