

Converting Colors

$Yxy(46.6634, 0.3452, 0.3243)$

Have a look what the booklet for
Yxy(46.6634, 0.3452, 0.3243)
contains.

Yxy(46.6367, 0.3458, 0.3242)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.6367, 0.3458, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	D4ACB0
RGB	212, 172, 176
RGB Percent	83%, 67%, 69%
CMY	0.1686, 0.3255, 0.3097
CMYK	0.00, 0.19, 0.17, 0.17
HSL	354°, 32%, 75%
HSV	354°, 19%, 83%
XYZ	49.7439, 46.6367, 47.4710
YIQ	184.4160, 22.5560, 9.7240

Conversions

Conversions Part 2

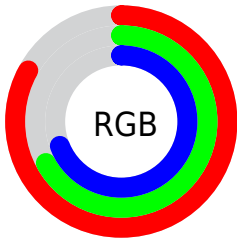
Format	Color
R _{YB}	212, 172, 176
Decimal	13937840
CIE _{Lab}	73.96, 15.19, 3.44
CIE _{LCh}	74, 15.578, 12.774
Yxy	46.6367, 0.3458, 0.3242
Android (android.graphics.Color)	4292127920 (0xFFD4ACB0)
YUV	184.4160, -4.1491, 24.1912
Hunter-Lab	68.2911, 10.5118, 6.5896

Details

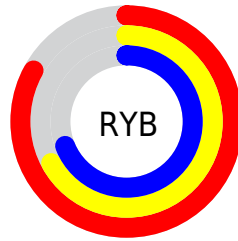
The Yxy color **46.6367, 0.3458, 0.3242** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.4129, 0.2871, 0.3339**, and the grayscale version is **48.1911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0244, 0.3290, 0.3241**, and **22.0563, 0.3549, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **38.4999, 0.3697, 0.3215**, and if you desaturate by 10%, it is **56.1710, 0.3266, 0.3268**.

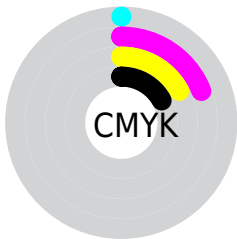
Distribution



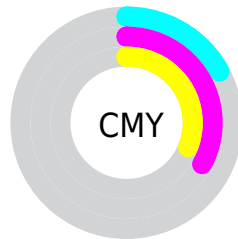
- Red (83%)
- Green (67%)
- Blue (69%)



- Red (83%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (19%)
- Yellow (17%)
- Black (17%)




- Cyan (17%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6367, 0.3458, 0.3242 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 46.6367, 0.3458, 0.3242 by changing the saturation by 10% instead.


 46.6367, 0.3458,
0.3242

 46.6367, 0.3458,
0.3242

373.3625, 0.3292,
0.3268

 32.7485, 0.3500,
0.3235

 85.1711, 0.3397,
0.3252

 21.9339, 0.3554,
0.3226


110.5861, 0.3375,
0.3255

 13.8083, 0.3625,
0.3214


140.6122, 0.3356,
0.3258

 7.9875, 0.3726,
0.3195


175.6337, 0.3339,
0.3261

 4.0869, 0.3878,
0.3166

216.0351, 0.3325,
0.3263

 1.7223, 0.4131,
0.3113

262.2008, 0.3312,

 0.4380, 0.5387,

0.3265

0.2997

314.5151, 0.3302,
0.3266

0.0000, 0.0000,
0.0000

46.6367, 0.3458,
0.3242

46.6367, 0.3458,
0.3242

38.4999, 0.3697,
0.3215

56.1710, 0.3266,
0.3268

31.6889, 0.3991,
0.3188

67.1574, 0.3111,
0.3293

26.1354, 0.4345,
0.3165

79.6555, 0.2987,
0.3315

21.7622, 0.4757,
0.3149

92.5642, 0.2886,
0.3317

18.4838, 0.5205,
0.3146

92.7378, 0.2872,
0.3289

■ 16.2032, 0.5647,
0.3161

■ 14.8060, 0.6021,
0.3195

■ 14.1138, 0.6274,
0.3239

■ 14.0534, 0.6296,
0.3242

Harmonies

Analogous

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



46.6367, 0.3271, 0.3074



46.6367, 0.3458, 0.3242



46.6367, 0.3554, 0.3427

Triad

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



46.6367, 0.3458, 0.3242



46.6367, 0.3193, 0.3649



46.6367, 0.2737, 0.2985

Complementary

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



46.6367, 0.3458, 0.3242



60.4129, 0.2871, 0.3339

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.



46.6367, 0.2719, 0.3129



46.6367, 0.3458, 0.3242



46.6367, 0.2976, 0.3521

Square

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



46.6367, 0.3458, 0.3242



46.6367, 0.3396, 0.3670



46.6367, 0.2805, 0.3327



46.6367, 0.2856, 0.2926

Rectangle

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



46.6367, 0.3458, 0.3242



46.6367, 0.3552, 0.3538



46.6367, 0.2805, 0.3327



46.6367, 0.2719, 0.3024

Sweetspot

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



46.6388, 0.3458, 0.3242



89.7691, 0.3219, 0.3275



47.5729, 0.3109, 0.2819



18.9866, 0.3230, 0.3274



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.



46.6388, 0.3458, 0.3242



65.1747, 0.3556, 0.3230



52.6595, 0.3461, 0.3475



12.4409, 0.3275, 0.3267



8.6823, 0.6276, 0.3231



0.5308, 0.5951, 0.3052

Inverse Universe

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



46.6388, 0.3458, 0.3242



65.1747, 0.3556, 0.3230



53.3071, 0.2835, 0.3097



12.4409, 0.3275, 0.3267



8.6823, 0.6276, 0.3231



0.5308, 0.5951, 0.3052

Previews

White Background



This preview shows how the Yxy color 46.6367, 0.3458, 0.3242 looks on a white background.

Color Contrast Check

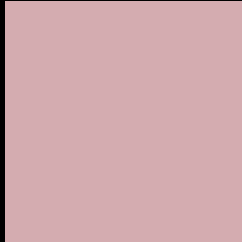
Large Text (above 18pt) WCAG AA × Fail

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 46.6367, 0.3458, 0.3242 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 46.6367, 0.3458, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 46.6367, 0.3458, 0.3242.



This preview shows how white text looks on a background with the Yxy color 46.6367, 0.3458, 0.3242.

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

46.6367, 0.3458, 0.3242

Protanopia

46.6982, 0.3161, 0.3290

Deuteranopia

46.7024, 0.3368, 0.3303



Tritanopia

46.7326, 0.3398, 0.3135

Trichromacy



Original Color

46.6367, 0.3458, 0.3242

Protanomaly

46.6976, 0.3268, 0.3278

Deuteranomaly

46.8769, 0.3406, 0.3291

Tritanomaly

46.6081, 0.3425, 0.3170

Monochromacy



Original Color

46.6367, 0.3458, 0.3242

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.4480, 0.3241, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6367, 0.3458, 0.3242 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(212, 172, 176)` looks like.

```
.text, #text, p{  
    color:rgb(212, 172, 176)  
}
```

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(212, 172, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 172, 176) }
```

Border

The CSS property to change the border of an element to Yxy 46.6367, 0.3458, 0.3242 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(212, 172, 176) }
```

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

```
.border{ border-color:rgb(212, 172, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 172, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 172, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 172, 176);  
box-shadow:4px 4px 4px 4px rgb(212, 172,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6367, 0.3458, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 172, 176) }
```

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

```
.background{ background-color: rgb(212,  
172, 176) }
```

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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