

Converting Colors

$Yxy(49.7279, 0.3402, 0.3369)$

Have a look what the booklet for
Yxy(49.7279, 0.3402, 0.3369)
contains.

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Color

Yxy(49.8164, 0.3402, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	CFB6AF
RGB	207, 182, 175
RGB Percent	81%, 71%, 69%
CMY	0.1882, 0.2863, 0.3136
CMYK	0.00, 0.12, 0.15, 0.19
HSL	13°, 25%, 75%
HSV	13°, 15%, 81%
XYZ	50.2001, 49.8164, 47.5440
YIQ	188.6770, 17.1470, 3.1230

Conversions

Conversions Part 2

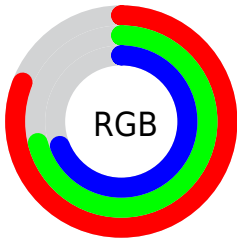
Format	Color
R_{YB}	207, 184, 175
Decimal	13612719
CIE Lab	75.96, 7.80, 6.81
CIE LCh	76, 10.358, 41.138
Yxy	49.8164, 0.3402, 0.3376
Android (android.graphics.Color)	4291802799 (0xFFCFB6AF)
YUV	188.6770, -6.7428, 16.0693
Hunter-Lab	70.5807, 3.4406, 9.4681

Details

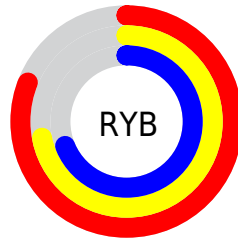
The Yxy color $49.8164, 0.3402, 0.3376$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.9453, 0.2891, 0.3202$, and the grayscale version is $50.7288, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.1786, 0.3285, 0.3359$, and $23.8060, 0.3471, 0.3390$ is the 20% darker color. If you saturate the color by 10%, you get $42.8148, 0.3627, 0.3436$, and if you desaturate by 10%, it is $57.7136, 0.3215, 0.3319$.

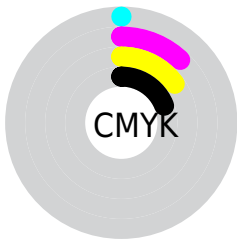
Distribution



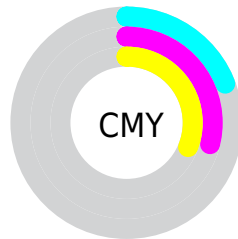
- Red (81%)
- Green (71%)
- Blue (69%)



- Red (81%)
- Yellow (72%)
- Blue (69%)



- Cyan (0%)
- Magenta (12%)
- Yellow (15%)
- Black (19%)





- Cyan (19%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.8164, 0.3402, 0.3376 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 49.8164, 0.3402, 0.3376 by changing the saturation by 10% instead.


 49.8164, 0.3402,
0.3376

 49.8164, 0.3402,
0.3376


385.9475, 0.3265,
0.3335

 35.2675, 0.3436,
0.3386


 89.9028, 0.3352,
0.3362

 23.8690, 0.3479,
0.3398


116.2091, 0.3334,
0.3356

 15.2365, 0.3537,
0.3413


147.2034, 0.3318,
0.3351

 8.9855, 0.3617,
0.3434

183.2699, 0.3305,
0.3347

 4.7317, 0.3736,
0.3463

224.7933, 0.3293,
0.3343

 2.0907, 0.3929,
0.3504

272.1577, 0.3282,

 0.6594, 0.4756,

0.3340

0.3838

325.7477, 0.3273,
0.3337

0.0000, 0.0000,
0.0000

49.8164, 0.3402,
0.3376

49.8164, 0.3402,
0.3376

42.8148, 0.3627,
0.3436

57.7136, 0.3215,
0.3319

36.6705, 0.3896,
0.3497

66.5296, 0.3060,
0.3267

31.3521, 0.4213,
0.3554

76.2955, 0.2931,
0.3218

26.8239, 0.4576,
0.3603

86.8546, 0.2839,
0.3203

23.0474, 0.4973,
0.3633

92.0052, 0.2844,
0.3289

■ 19.9808, 0.5380,
0.3636

■ 17.5782, 0.5753,
0.3602

■ 15.7872, 0.6046,
0.3531

■ 15.1517, 0.6154,
0.3496

Harmonies

Analogous

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



49.8164, 0.3336, 0.3254



49.8164, 0.3402, 0.3376



49.8164, 0.3392, 0.3480

Triad

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



49.8164, 0.3402, 0.3376



49.8164, 0.3037, 0.3445



49.8164, 0.2945, 0.3052

Complementary

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



49.8164, 0.3402, 0.3376



54.9453, 0.2891, 0.3202

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.



49.8164, 0.2869, 0.3096



49.8164, 0.3402, 0.3376



49.8164, 0.2921, 0.3322

Square

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



49.8164, 0.3402, 0.3376



49.8164, 0.3179, 0.3523



49.8164, 0.2860, 0.3194



49.8164, 0.3070, 0.3069

Rectangle

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



49.8164, 0.3402, 0.3376



49.8164, 0.3344, 0.3523



49.8164, 0.2860, 0.3194



49.8164, 0.2913, 0.3060

Sweetspot

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



49.8186, 0.3402, 0.3376



93.0086, 0.3209, 0.3317



48.1119, 0.3201, 0.2991



19.7039, 0.3221, 0.3321



0.0000, 0.0000, 0.0000



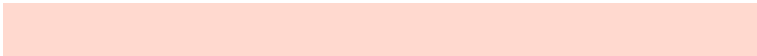
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.8186, 0.3402, 0.3376



75.4267, 0.3482, 0.3398



56.7233, 0.3373, 0.3566



12.2201, 0.3285, 0.3341



9.6618, 0.6132, 0.3513



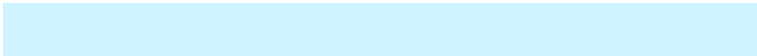
0.6604, 0.5771, 0.3800

Inverse Universe

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



54.9453, 0.2891, 0.3202



85.3857, 0.2835, 0.3179



47.9415, 0.2884, 0.2998



12.9514, 0.2983, 0.3238



19.2351, 0.2049, 0.2577



1.1866, 0.2090, 0.2723

Previews

White Background



This preview shows how the Yxy color 49.8164, 0.3402, 0.3376 looks on a white background.

Color Contrast Check

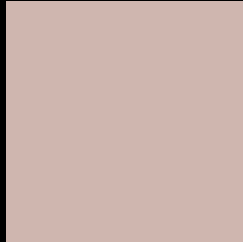
Large Text (above 18pt) WCAG AA × Fail

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 49.8164, 0.3402, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

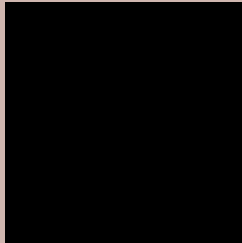
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.8164, 0.3402, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 49.8164, 0.3402, 0.3376.



This preview shows how white text looks on a background with the Yxy color 49.8164, 0.3402, 0.3376.

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

49.8164, 0.3402, 0.3376

Protanopia

50.0925, 0.3248, 0.3404

Deuteranopia

49.8445, 0.3431, 0.3364



Tritanopia

49.6458, 0.3273, 0.3123

Trichromacy



Original Color

49.8164, 0.3402, 0.3376

Protanomaly

49.8780, 0.3302, 0.3390

Deuteranomaly

49.6982, 0.3422, 0.3364

Tritanomaly

49.5976, 0.3322, 0.3218

Monochromacy



Original Color

49.8164, 0.3402, 0.3376

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.3143, 0.3227, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8164, 0.3402, 0.3376 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(207, 182, 175)` looks like.

```
.text, #text, p{  
    color:rgb(207, 182, 175)  
}
```

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(207, 182, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 182, 175) }
```

Border

The CSS property to change the border of an element to Yxy 49.8164, 0.3402, 0.3376 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(207, 182, 175) }
```

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

```
.border{ border-color:rgb(207, 182, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 182, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 182, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 182, 175);  
box-shadow:4px 4px 4px 4px rgb(207, 182,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8164, 0.3402, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 182, 175) }
```

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

```
.background{ background-color: rgb(207,  
182, 175) }
```

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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