

Converting Colors

$Yxy(43.7734, 0.3410, 0.3415)$

Have a look what the booklet for
Yxy(43.7734, 0.3410, 0.3415)
contains.

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Color

Yxy(43.6187, 0.3407, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	C2ACA3
RGB	194, 172, 163
RGB Percent	76%, 67%, 64%
CMY	0.2393, 0.3254, 0.3608
CMYK	0.00, 0.11, 0.16, 0.24
HSL	17°, 20%, 70%
HSV	17°, 16%, 76%
XYZ	43.6059, 43.6187, 40.7645
YIQ	177.5520, 16.0010, 1.8650

Conversions

Conversions Part 2

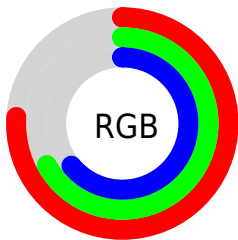
Format	Color
RYB	194, 176, 163
Decimal	12758179
CIELab	71.97, 6.44, 7.53
CIELCh	72, 9.908, 49.474
Yxy	43.6187, 0.3407, 0.3408
Android (android.graphics.Color)	4290948259 (0xFFC2ACA3)
YUV	177.5520, -7.1741, 14.4249
Hunter-Lab	66.0445, 2.2770, 9.6356

Details

The Yxy color $43.6187, 0.3407, 0.3408$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.3558, 0.2883, 0.3169$, and the grayscale version is $44.3034, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.5094, 0.3356, 0.3382$, and $20.1561, 0.3493, 0.3451$ is the 20% darker color. If you saturate the color by 10%, you get $38.0124, 0.3625, 0.3487$, and if you desaturate by 10%, it is $49.8769, 0.3223, 0.3333$.

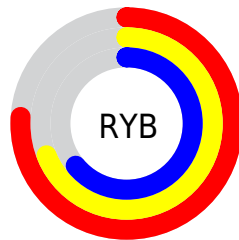
Distribution



Red (76%)

Green (67%)

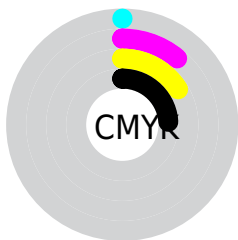
Blue (64%)



Red (76%)

Yellow (69%)

Blue (64%)

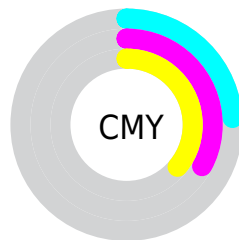


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6187, 0.3407, 0.3408 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 43.6187, 0.3407, 0.3408 by changing the saturation by 10% instead.


 43.6187, 0.3407,
0.3408


 43.6187, 0.3407,
0.3408

361.1500, 0.3265,
0.3350

 30.3709, 0.3443,
0.3422


 80.6437, 0.3355,
0.3387

 20.1203, 0.3490,
0.3440


 105.1896, 0.3335,
0.3379

 12.4825, 0.3554,
0.3464


134.2703, 0.3319,
0.3372

 7.0732, 0.3644,
0.3497

168.2703, 0.3305,
0.3367

 3.5079, 0.3782,
0.3544

207.5738, 0.3293,
0.3362

 1.4023, 0.4018,
0.3617

252.5654, 0.3282,

 0.2184, 0.6255,

0.3357

0.3745

303.6293, 0.3273,
0.3353

0.0000, 0.0000,
0.0000

43.6187, 0.3407,
0.3408

43.6187, 0.3407,
0.3408

38.0124, 0.3625,
0.3487

49.8769, 0.3223,
0.3333

33.0309, 0.3882,
0.3567

56.8014, 0.3068,
0.3262

28.6537, 0.4180,
0.3644

64.4134, 0.2938,
0.3198

24.8572, 0.4517,
0.3710

72.7314, 0.2828,
0.3139

21.6157, 0.4882,
0.3755

81.4486, 0.2760,
0.3137

■ 18.9020, 0.5255,
0.3767

■ 89.8854, 0.2772,
0.3284

■ 16.6857, 0.5602,
0.3737

■ 90.2062, 0.2773,
0.3289

■ 14.9328, 0.5887,
0.3661

■ 14.3439, 0.5988,
0.3627

Harmonies

Analogous

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



43.6187, 0.3361, 0.3288



43.6187, 0.3407, 0.3408



43.6187, 0.3375, 0.3501

Triad

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



43.6187, 0.3407, 0.3408



43.6187, 0.3001, 0.3414



43.6187, 0.2976, 0.3050

Complementary

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



43.6187, 0.3407, 0.3408



46.3558, 0.2883, 0.3169

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.



43.6187, 0.2883, 0.3078



43.6187, 0.3407, 0.3408



43.6187, 0.2898, 0.3286

Square

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



43.6187, 0.3407, 0.3408



43.6187, 0.3139, 0.3508



43.6187, 0.2855, 0.3162



43.6187, 0.3110, 0.3085

Rectangle

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



43.6187, 0.3407, 0.3408



43.6187, 0.3316, 0.3534



43.6187, 0.2855, 0.3162



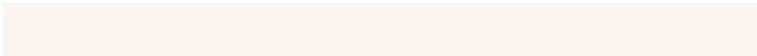
43.6187, 0.2939, 0.3053

Sweetspot

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



43.6206, 0.3407, 0.3408



91.4642, 0.3208, 0.3326



41.1671, 0.3222, 0.3007



19.8413, 0.3220, 0.3331



0.0000, 0.0000, 0.0000



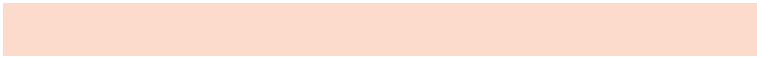
21.4041, 0.3127, 0.3290

Same Dimension

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



43.6206, 0.3407, 0.3408



75.5427, 0.3476, 0.3434



49.7621, 0.3377, 0.3600



10.5453, 0.3282, 0.3358



9.5577, 0.5965, 0.3646



0.5354, 0.5512, 0.4005

Inverse Universe

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



46.3558, 0.2883, 0.3169



81.3902, 0.2833, 0.3141



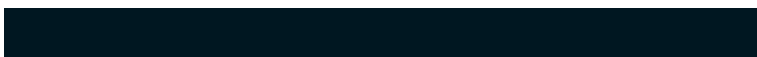
40.3167, 0.2875, 0.2960



10.9167, 0.2984, 0.3221



14.5621, 0.1979, 0.2323



0.7432, 0.2046, 0.2564

Previews

White Background



This preview shows how the Yxy color 43.6187, 0.3407, 0.3408 looks on a white background.

Color Contrast Check

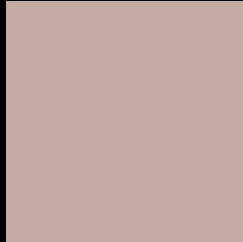
Large Text (above 18pt) WCAG AA × Fail

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 43.6187, 0.3407, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

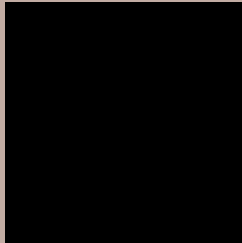
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6187, 0.3407, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 43.6187, 0.3407, 0.3408.



This preview shows how white text looks on a background with the Yxy color 43.6187, 0.3407, 0.3408.

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

43.6187, 0.3407, 0.3408

Protanopia

43.7124, 0.3272, 0.3438

Deuteranopia

43.3996, 0.3449, 0.3381



Tritanopia

43.4891, 0.3263, 0.3125

Trichromacy



Original Color

43.6187, 0.3407, 0.3408

Protanomaly

43.7794, 0.3319, 0.3436

Deuteranomaly

43.6405, 0.3437, 0.3394

Tritanomaly

43.4467, 0.3313, 0.3226

Monochromacy



Original Color

43.6187, 0.3407, 0.3408

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2581, 0.3223, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6187, 0.3407, 0.3408 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(194, 172, 163)` looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 163)  
}
```

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(194, 172, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 163) }
```

Border

The CSS property to change the border of an element to Yxy 43.6187, 0.3407, 0.3408 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(194, 172, 163) }
```

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

```
.border{ border-color:rgb(194, 172, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 172, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 172, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 172, 163);  
box-shadow:4px 4px 4px 4px rgb(194, 172,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6187, 0.3407, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 172, 163) }
```

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

```
.background{ background-color: rgb(194,  
172, 163) }
```

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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