

Converting Colors

$Yxy(43.6776, 0.3384, 0.3386)$

Have a look what the booklet for
Yxy(43.6776, 0.3384, 0.3386)
contains.

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Color

Yxy(43.5591, 0.3380, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	C1ACA5
RGB	193, 172, 165
RGB Percent	76%, 67%, 65%
CMY	0.2432, 0.3255, 0.3530
CMYK	0.00, 0.11, 0.15, 0.24
HSL	15°, 18%, 70%
HSV	15°, 15%, 76%
XYZ	43.5333, 43.5591, 41.7044
YIQ	177.4810, 14.7630, 2.2750

Conversions

Conversions Part 2

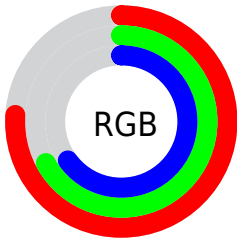
Format	Color
RYB	193, 174, 165
Decimal	12692645
CIELab	71.93, 6.40, 6.36
CIELCh	72, 9.022, 44.846
Yxy	43.5591, 0.3380, 0.3382
Android (android.graphics.Color)	4290882725 (0xFFC1ACA5)
YUV	177.4810, -6.1531, 13.6102
Hunter-Lab	65.9993, 2.2403, 8.7347

Details

The Yxy color $43.5591, 0.3380, 0.3382$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.9523, 0.2906, 0.3196$, and the grayscale version is $44.2598, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4295, 0.3336, 0.3361$, and $20.1142, 0.3455, 0.3415$ is the 20% darker color. If you saturate the color by 10%, you get $37.7023, 0.3597, 0.3450$, and if you desaturate by 10%, it is $50.1248, 0.3199, 0.3318$.

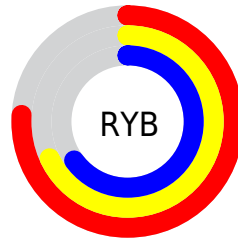
Distribution



Red (76%)

Green (67%)

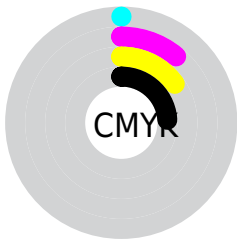
Blue (65%)



Red (76%)

Yellow (68%)

Blue (65%)

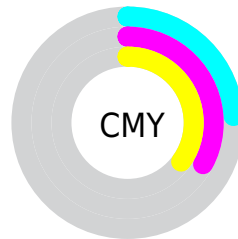


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5591, 0.3380, 0.3382 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 43.5591, 0.3380, 0.3382 by changing the saturation by 10% instead.

 43.5591, 0.3380,
0.3382

 43.5591, 0.3380,
0.3382

360.9060, 0.3251,
0.3337

 30.3240, 0.3413,
0.3393


 80.5539, 0.3333,
0.3366

 20.0847, 0.3455,
0.3407


 105.0824, 0.3315,
0.3360

 12.4566, 0.3513,
0.3426


134.1442, 0.3300,
0.3354

 7.0555, 0.3594,
0.3451

168.1236, 0.3288,
0.3350

 3.4968, 0.3719,
0.3487

207.4052, 0.3277,
0.3346

 1.3963, 0.3934,
0.3544

252.3731, 0.3267,

 0.2140, 0.6269,

0.3342

0.3731

303.4120, 0.3259,
0.3339

0.0000, 0.0000,
0.0000

43.5591, 0.3380,
0.3382

43.5591, 0.3380,
0.3382

37.7023, 0.3597,
0.3450

50.1248, 0.3199,
0.3318

32.5246, 0.3854,
0.3519

57.4162, 0.3047,
0.3258

28.0029, 0.4156,
0.3586

65.4568, 0.2921,
0.3203

24.1105, 0.4501,
0.3644

74.2674, 0.2815,
0.3153

20.8185, 0.4880,
0.3684

83.4432, 0.2758,
0.3175

■ 18.0962, 0.5272,
0.3695

■ 90.0761, 0.2768,
0.3289

■ 15.9093, 0.5640,
0.3668

■ 14.2200, 0.5942,
0.3599

■ 13.4823, 0.6080,
0.3554

Harmonies

Analogous

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



43.5591, 0.3328, 0.3271



43.5591, 0.3380, 0.3382



43.5591, 0.3362, 0.3472

Triad

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



43.5591, 0.3380, 0.3382



43.5591, 0.3030, 0.3419



43.5591, 0.2973, 0.3072

Complementary

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



43.5591, 0.3380, 0.3382



46.9523, 0.2906, 0.3196

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.



43.5591, 0.2897, 0.3105



43.5591, 0.3380, 0.3382



43.5591, 0.2929, 0.3305

Square

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



43.5591, 0.3380, 0.3382



43.5591, 0.3159, 0.3496



43.5591, 0.2881, 0.3190



43.5591, 0.3092, 0.3094

Rectangle

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



43.5591, 0.3380, 0.3382



43.5591, 0.3314, 0.3507



43.5591, 0.2881, 0.3190



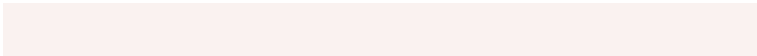
43.5591, 0.2942, 0.3077

Sweetspot

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



43.5610, 0.3380, 0.3382



90.3400, 0.3191, 0.3315



41.7869, 0.3204, 0.3022



19.1787, 0.3204, 0.3320



97.7402, 0.3127, 0.3290



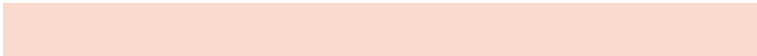
20.4902, 0.3127, 0.3290

Same Dimension

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



43.5610, 0.3380, 0.3382



75.0099, 0.3436, 0.3401



49.1656, 0.3354, 0.3559



10.4792, 0.3283, 0.3348



9.0775, 0.6058, 0.3572



0.5063, 0.5607, 0.3930

Inverse Universe

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



46.9523, 0.2906, 0.3196



82.0993, 0.2864, 0.3177



41.3486, 0.2900, 0.3006



10.9869, 0.2984, 0.3231



16.0822, 0.2018, 0.2466



0.7990, 0.2075, 0.2671

Previews

White Background



This preview shows how the Yxy color 43.5591, 0.3380, 0.3382 looks on a white background.

Color Contrast Check

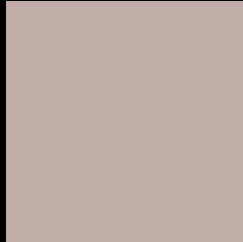
Large Text (above 18pt) WCAG AA × Fail

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 43.5591, 0.3380, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

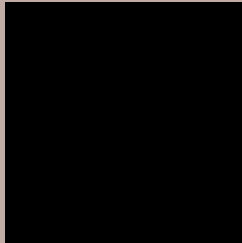
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5591, 0.3380, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 43.5591, 0.3380, 0.3382.



This preview shows how white text looks on a background with the Yxy color 43.5591, 0.3380, 0.3382.

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

43.5591, 0.3380, 0.3382

Protanopia

43.7858, 0.3255, 0.3410

Deuteranopia

43.4718, 0.3431, 0.3355



Tritanopia

43.3969, 0.3245, 0.3112

Trichromacy



Original Color

43.5591, 0.3380, 0.3382

Protanomaly

43.8522, 0.3301, 0.3410

Deuteranomaly

43.5782, 0.3410, 0.3368

Tritanomaly

43.3534, 0.3295, 0.3213

Monochromacy



Original Color

43.5591, 0.3380, 0.3382

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7444, 0.3215, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5591, 0.3380, 0.3382 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(193, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(193, 172, 165)  
}
```

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(193, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 172, 165) }
```

Border

The CSS property to change the border of an element to Yxy 43.5591, 0.3380, 0.3382 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(193, 172, 165) }
```

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

```
.border{ border-color:rgb(193, 172, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 172, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(193, 172,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5591, 0.3380, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 172, 165) }
```

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

```
.background{ background-color: rgb(193,  
172, 165) }
```

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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