

Converting Colors

$Y_{xy}(43.7780, 0.3220, 0.3384)$

Have a look what the booklet for
Yxy(43.7780, 0.3220, 0.3384)
contains.

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Color

Yxy(43.6185, 0.3220, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	B4B0A9
RGB	180, 176, 169
RGB Percent	71%, 69%, 66%
CMY	0.2942, 0.3098, 0.3372
CMYK	0.00, 0.02, 0.06, 0.29
HSL	38°, 7%, 68%
HSV	38°, 6%, 71%
XYZ	41.5046, 43.6185, 43.7732
YIQ	176.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

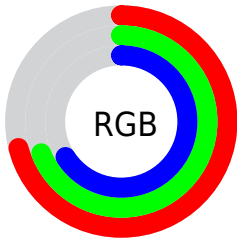
Format	Color
RYB	175, 180, 169
Decimal	11841705
CIELab	71.97, 0.14, 4.07
CIELCh	72, 4.071, 88.004
Yxy	43.6185, 0.3220, 0.3384
Android (android.graphics.Color)	4290031785 (0xFFB4B0A9)
YUV	176.3980, -3.6472, 3.1590
Hunter-Lab	66.0443, -3.4018, 6.9345

Details

The Yxy color $43.6185, 0.3220, 0.3384$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $41.6058, 0.3035, 0.3194$, and the grayscale version is $43.6514, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.9279, 0.3205, 0.3373$, and $20.2117, 0.3244, 0.3420$ is the 20% darker color. If you saturate the color by 10%, you get $40.5019, 0.3386, 0.3545$, and if you desaturate by 10%, it is $46.9540, 0.3071, 0.3231$.

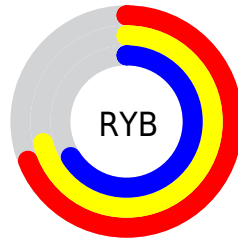
Distribution



Red (71%)

Green (69%)

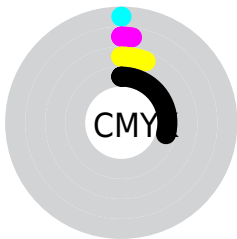
Blue (66%)



Red (69%)

Yellow (71%)

Blue (66%)

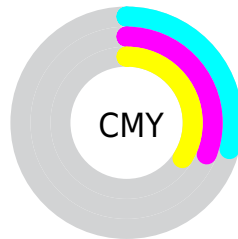


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (29%)



Cyan (29%)


Magenta (31%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6185, 0.3220, 0.3384 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 43.6185, 0.3220, 0.3384 by changing the saturation by 10% instead.


 43.6185, 0.3220,
0.3384

 43.6185, 0.3220,
0.3384


361.1492, 0.3173,
0.3337

 30.3707, 0.3232,
0.3396


 80.6434, 0.3203,
0.3367

 20.1201, 0.3247,
0.3412


105.1892, 0.3196,
0.3360

 12.4824, 0.3268,
0.3433


134.2699, 0.3191,
0.3355

 7.0731, 0.3297,
0.3462

168.2698, 0.3186,
0.3350

 3.5079, 0.3342,
0.3507

207.5732, 0.3182,
0.3346

 1.4023, 0.3419,
0.3585

252.5647, 0.3179,

 0.2184, 0.4914,

0.3342

0.5086

303.6286, 0.3176,
0.3339

0.0000, 0.0000,
0.0000

43.6185, 0.3220,
0.3384

43.6185, 0.3220,
0.3384

40.5019, 0.3386,
0.3545

46.9540, 0.3071,
0.3231

37.5931, 0.3569,
0.3711

50.5079, 0.2938,
0.3089

34.8881, 0.3767,
0.3879

54.2870, 0.2819,
0.2957

32.3809, 0.3978,
0.4040

58.2963, 0.2714,
0.2835

30.0649, 0.4195,
0.4187

62.2802, 0.2643,
0.2764

■ 27.9331, 0.4412,
0.4308

■ 65.5250, 0.2651,
0.2840

■ 25.9777, 0.4616,
0.4392

■ 68.9012, 0.2659,
0.2915

■ 24.1899, 0.4799,
0.4430

■ 72.4105, 0.2668,
0.2990

■ 22.5590, 0.4950,
0.4418

■ 76.0542, 0.2676,
0.3063

Harmonies

Analogous

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



43.6185, 0.3241, 0.3352



43.6185, 0.3220, 0.3384



43.6185, 0.3174, 0.3390

Triad

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



43.6185, 0.3220, 0.3384



43.6185, 0.3024, 0.3274



43.6185, 0.3138, 0.3213

Complementary

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



43.6185, 0.3220, 0.3384



41.6058, 0.3035, 0.3194

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.



43.6185, 0.3080, 0.3192



43.6185, 0.3220, 0.3384



43.6185, 0.3015, 0.3227

Square

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



43.6185, 0.3220, 0.3384



43.6185, 0.3061, 0.3327



43.6185, 0.3035, 0.3197



43.6185, 0.3193, 0.3254

Rectangle

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



43.6185, 0.3220, 0.3384



43.6185, 0.3136, 0.3379



43.6185, 0.3035, 0.3197



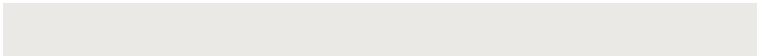
43.6185, 0.3118, 0.3203

Sweetspot

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



43.6204, 0.3220, 0.3384



81.5265, 0.3157, 0.3321



41.0985, 0.3193, 0.3236



17.6349, 0.3156, 0.3319



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



43.6204, 0.3220, 0.3384



78.5213, 0.3236, 0.3400



45.0207, 0.3203, 0.3437



9.5104, 0.3242, 0.3406



15.4603, 0.4994, 0.4417



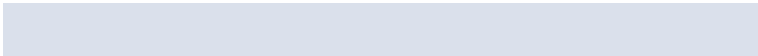
0.5923, 0.4719, 0.4635

Inverse Universe

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



41.6058, 0.3035, 0.3194



74.2776, 0.3019, 0.3177



40.2734, 0.3049, 0.3140



8.9723, 0.3014, 0.3172



5.0564, 0.1661, 0.1178



0.2723, 0.1825, 0.1769

Previews

White Background



This preview shows how the Yxy color 43.6185, 0.3220, 0.3384 looks on a white background.

Color Contrast Check

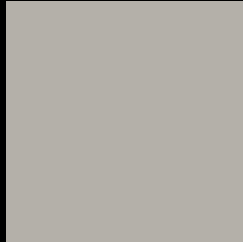
Large Text (above 18pt) WCAG AA × Fail

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 43.6185, 0.3220, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

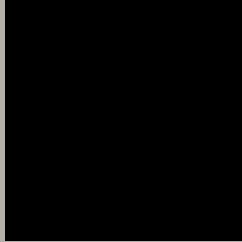
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

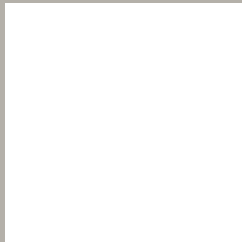
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6185, 0.3220, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 43.6185, 0.3220, 0.3384.



This preview shows how white text looks on a background with the Yxy color 43.6185, 0.3220, 0.3384.

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

43.6185, 0.3220, 0.3384

Protanopia

43.7390, 0.3229, 0.3384

Deuteranopia

43.3875, 0.3367, 0.3291



Tritanopia

43.5423, 0.3100, 0.3108

Trichromacy



Original Color

43.6185, 0.3220, 0.3384

Protanomaly

43.7390, 0.3229, 0.3384

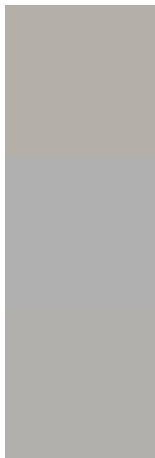
Deuteranomaly

43.3545, 0.3308, 0.3317

Tritanomaly

43.5125, 0.3149, 0.3211

Monochromacy



Original Color

43.6185, 0.3220, 0.3384

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4149, 0.3160, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6185, 0.3220, 0.3384 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(180, 176, 169)` looks like.

```
.text, #text, p{  
    color:rgb(180, 176, 169)  
}
```

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(180, 176, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 176, 169) }
```

Border

The CSS property to change the border of an element to Yxy 43.6185, 0.3220, 0.3384 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(180, 176, 169) }
```

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

```
.border{ border-color:rgb(180, 176, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 176, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 176, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 176, 169);  
box-shadow:4px 4px 4px 4px rgb(180, 176,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6185, 0.3220, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 176, 169) }
```

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

```
.background{ background-color: rgb(180,  
176, 169) }
```

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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