

Converting Colors

$Yxy(42.9073, 0.3309, 0.3590)$

Have a look what the booklet for
Yxy(42.9073, 0.3309, 0.3590)
contains.

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Color

Yxy(43.1580, 0.3309, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	B1B19B
RGB	177, 177, 155
RGB Percent	69%, 69%, 61%
CMY	0.3060, 0.3059, 0.3920
CMYK	0.00, 0.00, 0.12, 0.31
HSL	60°, 12%, 65%
HSV	60°, 12%, 69%
XYZ	39.7688, 43.1580, 37.2570
YIQ	174.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

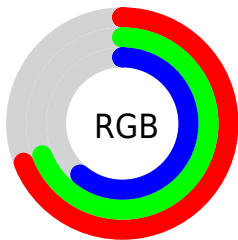
Format	Color
RYB	155, 177, 155
Decimal	11645339
CIELab	71.66, -3.88, 11.25
CIELCh	72, 11.905, 109.035
Yxy	43.1580, 0.3309, 0.3591
Android (android.graphics.Color)	4289835419 (0xFFB1B19B)
YUV	174.4920, -9.6096, 2.1995
Hunter-Lab	65.6947, -6.9095, 12.3616

Details

The Yxy color **43.1580, 0.3309, 0.3591** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.6011, 0.2934, 0.2970**, and the grayscale version is **42.6421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2049, 0.3280, 0.3543**, and **19.6999, 0.3357, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **42.6056, 0.3459, 0.3839**, and if you desaturate by 10%, it is **43.8014, 0.3162, 0.3348**.

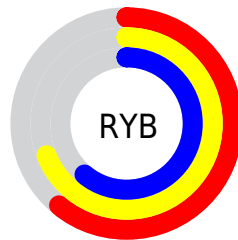
Distribution



Red (69%)

Green (69%)

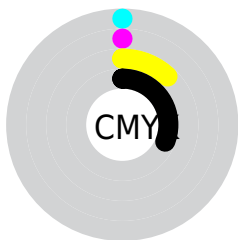
Blue (61%)



Red (61%)

Yellow (69%)

Blue (61%)

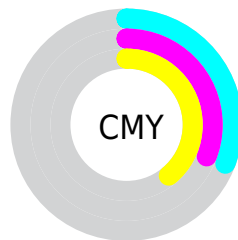


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (31%)



Cyan (31%)


Magenta (31%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1580, 0.3309, 0.3591 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 43.1580, 0.3309, 0.3591 by changing the saturation by 10% instead.

 43.1580, 0.3309,
0.3591


 43.1580, 0.3309,
0.3591


359.2611, 0.3218,
0.3437

 30.0091, 0.3332,
0.3630


 79.9492, 0.3276,
0.3534

 19.8455, 0.3361,
0.3682


 104.3604, 0.3263,
0.3513

 12.2828, 0.3401,
0.3751


133.2944, 0.3253,
0.3496

 6.9366, 0.3456,
0.3850

167.1356, 0.3244,
0.3481

 3.4225, 0.3537,
0.4002

206.2685, 0.3236,
0.3468

 1.3561, 0.3714,
0.4316

251.0775, 0.3229,

 0.1840, 0.3033,

0.3456

0.6967

301.9469, 0.3223,
0.3446

0.0000, 0.0000,
0.0000

43.1580, 0.3309,
0.3591

43.1580, 0.3309,
0.3591

42.6056, 0.3459,
0.3839

43.8014, 0.3162,
0.3348

42.1346, 0.3607,
0.4084

44.5337, 0.3021,
0.3114

41.7431, 0.3748,
0.4318

45.3600, 0.2888,
0.2894

41.4265, 0.3876,
0.4531

46.2837, 0.2764,
0.2689

41.1800, 0.3987,
0.4714

47.3076, 0.2650,
0.2501

■ 40.9983, 0.4075,
0.4860

■ 48.0266, 0.2582,
0.2388

■ 40.8753, 0.4137,
0.4964

■ 48.0290, 0.2582,
0.2388

■ 40.8035, 0.4175,
0.5026

■ 48.0314, 0.2583,
0.2388

■ 40.7715, 0.4191,
0.5054

■ 48.0338, 0.2583,
0.2388

Harmonies

Analogous

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



43.1580, 0.3428, 0.3542



43.1580, 0.3309, 0.3591



43.1580, 0.3143, 0.3555

Triad

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



43.1580, 0.3309, 0.3591



43.1580, 0.2801, 0.3137



43.1580, 0.3275, 0.3145

Complementary

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



43.1580, 0.3309, 0.3591



33.6011, 0.2934, 0.2970

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.



43.1580, 0.3104, 0.3043



43.1580, 0.3309, 0.3591



43.1580, 0.2833, 0.3035

Square

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



43.1580, 0.3309, 0.3591



43.1580, 0.2853, 0.3286



43.1580, 0.2943, 0.3002



43.1580, 0.3409, 0.3284

Rectangle

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



43.1580, 0.3309, 0.3591



43.1580, 0.3030, 0.3486



43.1580, 0.2943, 0.3002



43.1580, 0.3220, 0.3105

Sweetspot

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



43.1599, 0.3309, 0.3591



78.2387, 0.3186, 0.3387



35.1680, 0.3348, 0.3291



16.9364, 0.3197, 0.3405



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



43.1599, 0.3309, 0.3591



76.9931, 0.3351, 0.3661



41.9238, 0.3210, 0.3600



9.9062, 0.3263, 0.3515



29.5377, 0.4191, 0.5054



0.9295, 0.4192, 0.5054

Inverse Universe

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



33.6011, 0.2934, 0.2970



56.3663, 0.2885, 0.2890



34.7361, 0.3036, 0.2980



8.2306, 0.2985, 0.3055



2.3010, 0.1501, 0.0600



0.0726, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 43.1580, 0.3309, 0.3591 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 43.1580, 0.3309, 0.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

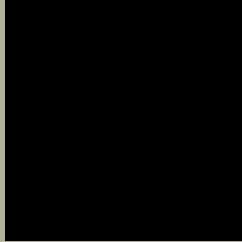
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

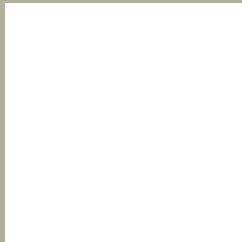
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1580, 0.3309, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 43.1580, 0.3309, 0.3591.



This preview shows how white text looks on a background with the Yxy color 43.1580, 0.3309, 0.3591.

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

43.1580, 0.3309, 0.3591

Protanopia

43.1834, 0.3386, 0.3573

Deuteranopia

42.9524, 0.3516, 0.3446



Tritanopia

43.2561, 0.3091, 0.3120

Trichromacy



Original Color

43.1580, 0.3309, 0.3591

Protanomaly

43.2075, 0.3357, 0.3589

Deuteranomaly

42.9817, 0.3441, 0.3502

Tritanomaly

43.0705, 0.3172, 0.3277

Monochromacy



Original Color

43.1580, 0.3309, 0.3591

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.5639, 0.3193, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1580, 0.3309, 0.3591 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(177, 177, 155)` looks like.

```
.text, #text, p{  
    color:rgb(177, 177, 155)  
}
```

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(177, 177, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 177, 155) }
```

Border

The CSS property to change the border of an element to Yxy 43.1580, 0.3309, 0.3591 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(177, 177, 155) }
```

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

```
.border{ border-color:rgb(177, 177, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 177, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 177, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 177, 155);  
box-shadow:4px 4px 4px 4px rgb(177, 177,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1580, 0.3309, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 177, 155) }
```

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

```
.background{ background-color: rgb(177,  
177, 155) }
```

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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