

Converting Colors

$Yxy(43.7417, 0.3157, 0.3399)$

Have a look what the booklet for
Yxy(43.7417, 0.3157, 0.3399)
contains.

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Color

Yxy(43.7417, 0.3157, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	AEB2AA
RGB	174, 178, 170
RGB Percent	68%, 70%, 67%
CMY	0.3177, 0.3019, 0.3334
CMYK	0.02, 0.00, 0.05, 0.30
HSL	90°, 5%, 68%
HSV	90°, 5%, 70%
XYZ	40.6274, 43.7417, 44.3208
YIQ	175.8920, 0.1840, -3.3360

Conversions

Conversions Part 2

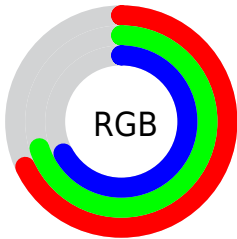
Format	Color
RYB	170, 178, 174
Decimal	11449002
CIELab	72.06, -2.91, 3.60
CIELCh	72, 4.625, 128.931
Yxy	43.7417, 0.3157, 0.3399
Android (android.graphics.Color)	4289639082 (0xFFFAEB2AA)
YUV	175.8920, -2.9048, -1.6593
Hunter-Lab	66.1375, -6.0904, 6.5642

Details

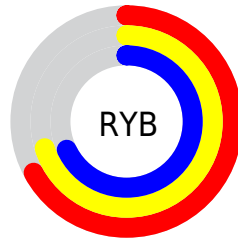
The Yxy color **43.7417, 0.3157, 0.3399** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.9555, 0.3096, 0.3181**, and the grayscale version is **43.3714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9399, 0.3150, 0.3384**, and **20.1128, 0.3169, 0.3422** is the 20% darker color. If you saturate the color by 10%, you get **42.1242, 0.3223, 0.3656**, and if you desaturate by 10%, it is **45.5222, 0.3091, 0.3163**.

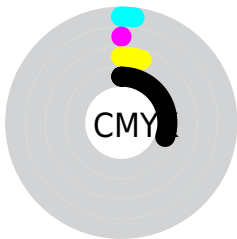
Distribution



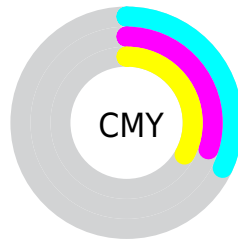
- Red (68%)
- Green (70%)
- Blue (67%)



- Red (67%)
- Yellow (70%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (30%)



- Cyan (32%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7417, 0.3157, 0.3399 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 43.7417, 0.3157, 0.3399 by changing the saturation by 10% instead.

■ 43.7417, 0.3157,
0.3399

■ 43.7417, 0.3157,
0.3399

361.6532, 0.3142,
0.3344

■ 30.4675, 0.3161,
0.3413

■ 80.8289, 0.3152,
0.3379

■ 20.1937, 0.3166,
0.3431

105.4107, 0.3150,
0.3371

■ 12.5359, 0.3172,
0.3456

134.5305, 0.3148,
0.3365

■ 7.1098, 0.3181,
0.3492

168.5727, 0.3146,
0.3359

■ 3.5308, 0.3194,
0.3546

207.9217, 0.3145,
0.3355

■ 1.4148, 0.3216,
0.3640

252.9618, 0.3144,

■ 0.2276, 0.3898,

0.3351

0.6102

304.0775, 0.3143,
0.3347

0.0000, 0.0000,
0.0000

43.7417, 0.3157,
0.3399

43.7417, 0.3157,
0.3399

42.1242, 0.3223,
0.3656

45.5222, 0.3091,
0.3163

40.6592, 0.3287,
0.3932

47.4649, 0.3027,
0.2950

39.3432, 0.3347,
0.4223

49.5760, 0.2966,
0.2758

38.1708, 0.3397,
0.4519

51.8599, 0.2909,
0.2587

37.1359, 0.3435,
0.4810

54.0615, 0.2882,
0.2470

■ 36.2320, 0.3456,
0.5082

■ 55.4790, 0.2949,
0.2486

■ 35.4521, 0.3456,
0.5321

■ 56.9717, 0.3018,
0.2502

■ 34.7880, 0.3435,
0.5512

■ 58.5408, 0.3087,
0.2519

■ 34.2303, 0.3393,
0.5649

■ 60.1872, 0.3157,
0.2535

Harmonies

Analogous

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



43.7417, 0.3216, 0.3403



43.7417, 0.3157, 0.3399



43.7417, 0.3090, 0.3365

Triad

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



43.7417, 0.3157, 0.3399



43.7417, 0.3004, 0.3203



43.7417, 0.3221, 0.3269

Complementary

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



43.7417, 0.3157, 0.3399



40.9555, 0.3096, 0.3181

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.



43.7417, 0.3163, 0.3217



43.7417, 0.3157, 0.3399



43.7417, 0.3038, 0.3179

Square

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



43.7417, 0.3157, 0.3399



43.7417, 0.3003, 0.3251



43.7417, 0.3096, 0.3184



43.7417, 0.3254, 0.3328

Rectangle

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



43.7417, 0.3157, 0.3399



43.7417, 0.3051, 0.3330



43.7417, 0.3096, 0.3184



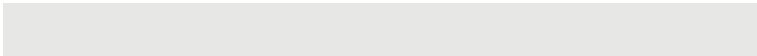
43.7417, 0.3204, 0.3251

Sweetspot

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



43.7436, 0.3157, 0.3399



80.4095, 0.3134, 0.3314



42.6378, 0.3196, 0.3344



17.8185, 0.3134, 0.3313



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.



43.7436, 0.3157, 0.3399



79.1393, 0.3161, 0.3413



43.2902, 0.3122, 0.3400



9.8303, 0.3164, 0.3426



24.3324, 0.3374, 0.5703



0.8003, 0.3594, 0.5528

Inverse Universe

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



40.9555, 0.3096, 0.3181



73.4618, 0.3092, 0.3167



41.4226, 0.3132, 0.3182



9.0558, 0.3089, 0.3154



3.8641, 0.2040, 0.0897



0.1563, 0.2353, 0.1070

Previews

White Background



This preview shows how the Yxy color 43.7417, 0.3157, 0.3399 looks on a white background.

Color Contrast Check

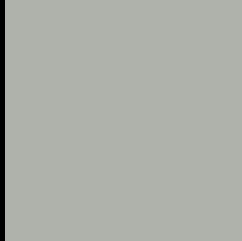
Large Text (above 18pt) WCAG AA × Fail

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 43.7417, 0.3157, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

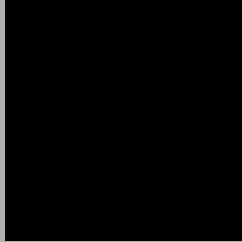
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

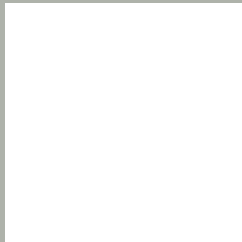
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7417, 0.3157, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 43.7417, 0.3157, 0.3399.



This preview shows how white text looks on a background with the Yxy color 43.7417, 0.3157, 0.3399.

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

43.7417, 0.3157, 0.3399

Protanopia

43.7390, 0.3229, 0.3384

Deuteranopia

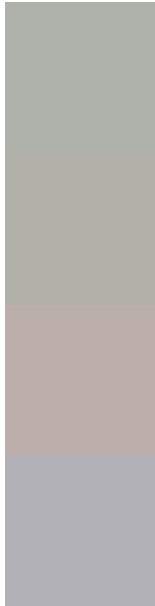
43.6682, 0.3347, 0.3291



Tritanopia

43.6812, 0.3032, 0.3106

Trichromacy



Original Color

43.7417, 0.3157, 0.3399

Protanomaly

43.7738, 0.3201, 0.3398

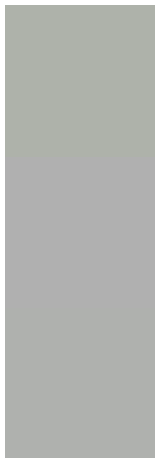
Deuteranomaly

43.7772, 0.3269, 0.3330

Tritanomaly

43.6582, 0.3079, 0.3210

Monochromacy



Original Color

43.7417, 0.3157, 0.3399

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6142, 0.3134, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7417, 0.3157, 0.3399 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(174, 178, 170)` looks like.

```
.text, #text, p{  
    color:rgb(174, 178, 170)  
}
```

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(174, 178, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 178, 170) }
```

Border

The CSS property to change the border of an element to Yxy 43.7417, 0.3157, 0.3399 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(174, 178, 170) }
```

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

```
.border{ border-color:rgb(174, 178, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 178, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 178, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 178, 170); box-shadow:4px 4px 4px 4px rgb(174, 178, 170) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7417, 0.3157, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 178, 170) }
```

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

```
.background{ background-color: rgb(174,  
178, 170) }
```

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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