

Converting Colors

$Y_{xy}(42.5091, 0.3439, 0.3743)$

Have a look what the booklet for
Yxy(42.5091, 0.3439, 0.3743)
contains.

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Color

Yxy(42.6175, 0.3432, 0.3743)

Conversions

Conversions Part 1

Format	Color
Hex	B3B08F
RGB	179, 176, 143
RGB Percent	70%, 69%, 56%
CMY	0.2980, 0.3098, 0.4391
CMYK	0.00, 0.02, 0.20, 0.30
HSL	55°, 19%, 63%
HSV	55°, 20%, 70%
XYZ	39.0765, 42.6175, 32.1652
YIQ	173.1350, 12.3810, -9.6270

Conversions

Conversions Part 2

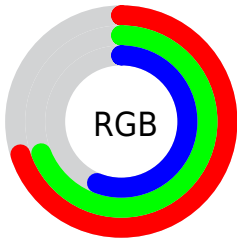
Format	Color
RYB	146, 179, 143
Decimal	11776143
CIELab	71.29, -4.48, 17.31
CIELCh	71, 17.878, 104.517
Yxy	42.6175, 0.3432, 0.3743
Android (android.graphics.Color)	4289966223 (0xFFB3B08F)
YUV	173.1350, -14.8566, 5.1436
Hunter-Lab	65.2821, -7.3973, 16.4846

Details

The Yxy color **42.6175, 0.3432, 0.3743** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.6669, 0.2801, 0.2793**, and the grayscale version is **41.9365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4066, 0.3375, 0.3661**, and **19.6412, 0.3513, 0.3879** is the 20% darker color. If you saturate the color by 10%, you get **41.5360, 0.3590, 0.3973**, and if you desaturate by 10%, it is **43.7959, 0.3277, 0.3514**.

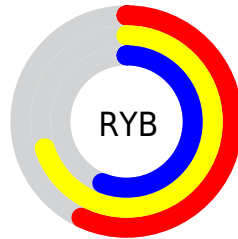
Distribution



Red (70%)

Green (69%)

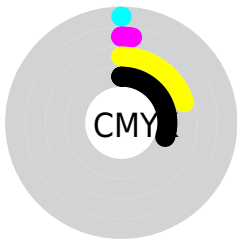
Blue (56%)



Red (57%)

Yellow (70%)

Blue (56%)

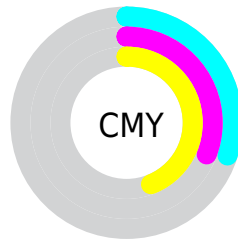


Cyan (0%)

Magenta (2%)

Yellow (20%)

Black (30%)



Cyan (30%)


Magenta (31%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6175, 0.3432, 0.3743 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 42.6175, 0.3432, 0.3743 by changing the saturation by 10% instead.


 42.6175, 0.3432,
0.3743


 42.6175, 0.3432,
0.3743


357.0364, 0.3279,
0.3511

 29.5851, 0.3470,
0.3802


 79.1333, 0.3376,
0.3658

 19.5239, 0.3519,
0.3879


 103.3856, 0.3355,
0.3626

 12.0494, 0.3583,
0.3983


132.1466, 0.3338,
0.3599

 6.7774, 0.3672,
0.4130

165.8007, 0.3323,
0.3576

 3.3233, 0.3799,
0.4351

204.7323, 0.3310,
0.3557

 1.3027, 0.4311,
0.5096

249.3259, 0.3298,

 0.1433, 0.1576,

0.3540

0.8424

299.9658, 0.3288,
0.3525

0.0000, 0.0000,
0.0000

42.6175, 0.3432,
0.3743

42.6175, 0.3432,
0.3743

41.5360, 0.3590,
0.3973

43.7959, 0.3277,
0.3514

40.5414, 0.3746,
0.4195

45.0693, 0.3129,
0.3292

39.6314, 0.3895,
0.4402

46.4431, 0.2989,
0.3081

38.8010, 0.4031,
0.4584

47.9209, 0.2859,
0.2883

38.0448, 0.4147,
0.4731

49.5059, 0.2740,
0.2699

■ 37.3566, 0.4239,
0.4838

■ 51.2012, 0.2632,
0.2530

■ 36.7293, 0.4304,
0.4902

■ 52.1207, 0.2608,
0.2503

■ 36.1530, 0.4347,
0.4930

■ 52.7563, 0.2610,
0.2521

■ 53.3985, 0.2612,
0.2538

Harmonies

Analogous

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



42.6175, 0.3598, 0.3645



42.6175, 0.3432, 0.3743



42.6175, 0.3188, 0.3713

Triad

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



42.6175, 0.3432, 0.3743



42.6175, 0.2644, 0.3085



42.6175, 0.3311, 0.3046

Complementary

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



42.6175, 0.3432, 0.3743



29.6669, 0.2801, 0.2793

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.



42.6175, 0.3050, 0.2908



42.6175, 0.3432, 0.3743



42.6175, 0.2673, 0.2922

Square

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



42.6175, 0.3432, 0.3743



42.6175, 0.2738, 0.3318



42.6175, 0.2819, 0.2862



42.6175, 0.3529, 0.3244

Rectangle

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



42.6175, 0.3432, 0.3743



42.6175, 0.3015, 0.3618



42.6175, 0.2819, 0.2862



42.6175, 0.3225, 0.2992

Sweetspot

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



42.6194, 0.3432, 0.3743



79.3212, 0.3217, 0.3424



31.3340, 0.3480, 0.3240



17.5416, 0.3226, 0.3439



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.



42.6194, 0.3432, 0.3743



75.4684, 0.3500, 0.3842



42.1851, 0.3292, 0.3803



9.7828, 0.3265, 0.3497



25.5917, 0.4345, 0.4932



0.8407, 0.4298, 0.4969

Inverse Universe

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



29.6669, 0.2801, 0.2793



48.1533, 0.2722, 0.2670



30.1201, 0.2935, 0.2767



8.3405, 0.2985, 0.3075



2.5823, 0.1518, 0.0666



0.1186, 0.1590, 0.0925

Previews

White Background



This preview shows how the Yxy color 42.6175, 0.3432, 0.3743 looks on a white background.

Color Contrast Check

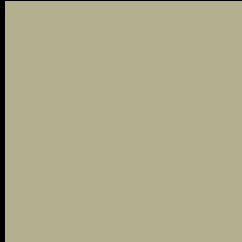
Large Text (above 18pt) WCAG AA × Fail

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 42.6175, 0.3432, 0.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

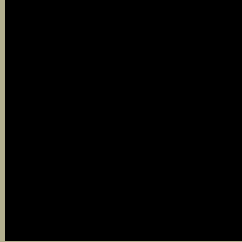
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

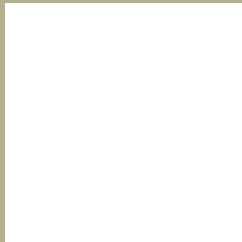
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.6175, 0.3432, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 42.6175, 0.3432, 0.3743.



This preview shows how white text looks on a background with the Yxy color 42.6175, 0.3432, 0.3743.

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

42.6175, 0.3432, 0.3743

Protanopia

42.5394, 0.3503, 0.3723

Deuteranopia

42.6062, 0.3659, 0.3586



Tritanopia

42.4005, 0.3136, 0.3107

Trichromacy



Original Color

42.6175, 0.3432, 0.3743

Protanomaly

42.6802, 0.3481, 0.3739

Deuteranomaly

42.6088, 0.3581, 0.3646

Tritanomaly

42.3147, 0.3243, 0.3331

Monochromacy



Original Color

42.6175, 0.3432, 0.3743

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.9947, 0.3236, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6175, 0.3432, 0.3743 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(179, 176, 143)` looks like.

```
.text, #text, p{  
    color:rgb(179, 176, 143)  
}
```

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(179, 176, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 176, 143) }
```

Border

The CSS property to change the border of an element to Yxy 42.6175, 0.3432, 0.3743 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(179, 176, 143) }
```

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

```
.border{ border-color:rgb(179, 176, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 176, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 176, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 176, 143);  
box-shadow:4px 4px 4px 4px rgb(179, 176,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6175, 0.3432, 0.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 176, 143) }
```

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

```
.background{ background-color: rgb(179,  
176, 143) }
```

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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