

Converting Colors

$Yxy(43.3027, 0.3347, 0.3775)$

Have a look what the booklet for
Yxy(43.3027, 0.3347, 0.3775)
contains.

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Color

Yxy(43.4575, 0.3342, 0.3777)

Conversions

Conversions Part 1

Format	Color
Hex	ACB491
RGB	172, 180, 145
RGB Percent	67%, 71%, 57%
CMY	0.3253, 0.2941, 0.4314
CMYK	0.04, 0.00, 0.19, 0.29
HSL	74°, 19%, 64%
HSV	74°, 19%, 71%
XYZ	38.4525, 43.4575, 33.1483
YIQ	173.6180, 6.4670, -12.5810

Conversions

Conversions Part 2

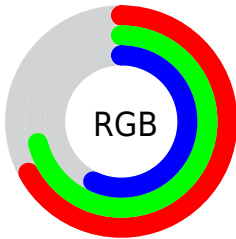
Format	Color
R _Y B	145, 180, 153
Decimal	11318417
CIE Lab	71.86, -8.93, 16.95
CIE LCh	72, 19.154, 117.780
Yxy	43.4575, 0.3342, 0.3777
Android (android.graphics.Color)	4289508497 (0xFFACB491)
YUV	173.6180, -14.1087, -1.4190
Hunter-Lab	65.9223, -11.2450, 16.3323

Details

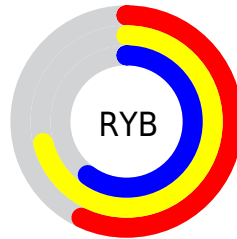
The Yxy color $43.4575, 0.3342, 0.3777$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $30.3122, 0.2884, 0.2777$, and the grayscale version is $42.1966, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.6084, 0.3306, 0.3686$, and $19.9088, 0.3399, 0.3931$ is the 20% darker color. If you saturate the color by 10%, you get $42.4918, 0.3451, 0.4041$, and if you desaturate by 10%, it is $44.5292, 0.3231, 0.3521$.

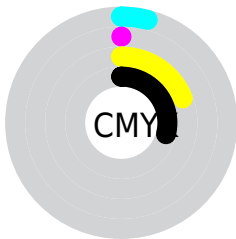
Distribution



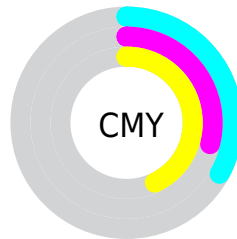
- Red (67%)
- Green (71%)
- Blue (57%)



- Red (57%)
- Yellow (71%)
- Blue (60%)



- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)




- Cyan (33%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4575, 0.3342, 0.3777 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 43.4575, 0.3342, 0.3777 by changing the saturation by 10% instead.


 43.4575, 0.3342,
0.3777


 43.4575, 0.3342,
0.3777


360.4899, 0.3236,
0.3526

 30.2442, 0.3368,
0.3842


 80.4008, 0.3304,
0.3684

 20.0240, 0.3400,
0.3926

 104.8996, 0.3289,
0.3650

 12.4125, 0.3443,
0.4041


133.9291, 0.3277,
0.3621

 7.0253, 0.3499,
0.4204

167.8736, 0.3267,
0.3597

 3.4779, 0.3577,
0.4455

207.1175, 0.3257,
0.3575

 1.3860, 0.3904,
0.5179

252.0453, 0.3249,

 0.2064, 0.0000,

0.3557

1.0000

303.0413, 0.3242,
0.3541

0.0000, 0.0000,
0.0000

43.4575, 0.3342,
0.3777

43.4575, 0.3342,
0.3777

42.4918, 0.3451,
0.4041

44.5292, 0.3231,
0.3521

41.6222, 0.3554,
0.4305

45.7051, 0.3121,
0.3277

40.8459, 0.3647,
0.4560

46.9910, 0.3015,
0.3049

40.1580, 0.3723,
0.4795

48.3904, 0.2915,
0.2839

39.5529, 0.3778,
0.5000

49.9067, 0.2821,
0.2648

■ 39.0242, 0.3808,
0.5164

■ 51.5431, 0.2734,
0.2474

■ 38.5648, 0.3814,
0.5283

■ 52.2294, 0.2750,
0.2461

■ 38.1603, 0.3799,
0.5363

■ 52.8022, 0.2780,
0.2468

■ 38.1385, 0.3798,
0.5367

■ 53.3901, 0.2810,
0.2475

Harmonies

Analogous

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



43.4575, 0.3565, 0.3728



43.4575, 0.3342, 0.3777



43.4575, 0.3068, 0.3681

Triad

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



43.4575, 0.3342, 0.3777



43.4575, 0.2612, 0.2983



43.4575, 0.3436, 0.3118

Complementary

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



43.4575, 0.3342, 0.3777



30.3122, 0.2884, 0.2777

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.



43.4575, 0.3168, 0.2939



43.4575, 0.3342, 0.3777



43.4575, 0.2699, 0.2857

Square

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



43.4575, 0.3342, 0.3777



43.4575, 0.2654, 0.3204



43.4575, 0.2899, 0.2844



43.4575, 0.3623, 0.3343

Rectangle

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



43.4575, 0.3342, 0.3777



43.4575, 0.2895, 0.3546



43.4575, 0.2899, 0.2844



43.4575, 0.3352, 0.3051

Sweetspot

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



43.4594, 0.3342, 0.3777



81.4391, 0.3194, 0.3438



34.3920, 0.3483, 0.3398



17.5731, 0.3201, 0.3453



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.



43.4594, 0.3342, 0.3777



78.0938, 0.3386, 0.3881



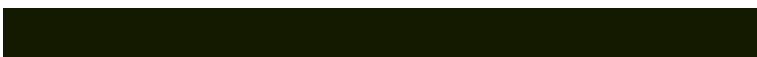
41.6436, 0.3188, 0.3801



9.8074, 0.3229, 0.3517



26.6519, 0.3802, 0.5363



0.8625, 0.3918, 0.5271

Inverse Universe

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



30.3122, 0.2884, 0.2777



50.2011, 0.2827, 0.2660



32.0999, 0.3051, 0.2801



8.3202, 0.3019, 0.3057



2.6528, 0.1633, 0.0673



0.1097, 0.1921, 0.0832

Previews

White Background



This preview shows how the Yxy color 43.4575, 0.3342, 0.3777 looks on a white background.

Color Contrast Check

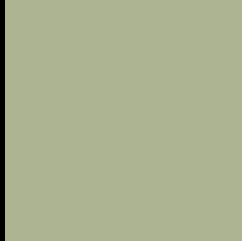
Large Text (above 18pt) WCAG AA × Fail

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 43.4575, 0.3342, 0.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

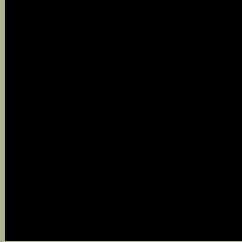
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

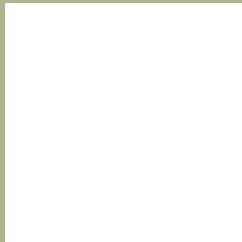
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4575, 0.3342, 0.3777

Background



This preview shows how black text looks on a background with the Yxy color 43.4575, 0.3342, 0.3777.



This preview shows how white text looks on a background with the Yxy color 43.4575, 0.3342, 0.3777.

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

43.4575, 0.3342, 0.3777

Protanopia

43.4729, 0.3498, 0.3734

Deuteranopia

43.1790, 0.3647, 0.3572



Tritanopia

43.3679, 0.3049, 0.3106

Trichromacy



Original Color

43.4575, 0.3342, 0.3777

Protanomaly

43.2817, 0.3440, 0.3740

Deuteranomaly

43.1689, 0.3538, 0.3647

Tritanomaly

43.2593, 0.3160, 0.3344

Monochromacy



Original Color

43.4575, 0.3342, 0.3777

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.5792, 0.3207, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4575, 0.3342, 0.3777 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(172, 180, 145)` looks like.

```
.text, #text, p{  
    color:rgb(172, 180, 145)  
}
```

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(172, 180, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 180, 145) }
```

Border

The CSS property to change the border of an element to Yxy 43.4575, 0.3342, 0.3777 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(172, 180, 145) }
```

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

```
.border{ border-color:rgb(172, 180, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 180, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 180, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 180, 145);  
box-shadow:4px 4px 4px 4px rgb(172, 180,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4575, 0.3342, 0.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 180, 145) }
```

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

```
.background{ background-color: rgb(172,  
180, 145) }
```

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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