

Converting Colors

Yxy(42.4771, 0.3151, 0.3429)

Have a look what the booklet for
Yxy(42.4771, 0.3151, 0.3429)
contains.

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Color

Yxy(42.3499, 0.3156, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	AAB0A6
RGB	170, 176, 166
RGB Percent	67%, 69%, 65%
CMY	0.3333, 0.3098, 0.3490
CMYK	0.03, 0.00, 0.06, 0.31
HSL	96°, 6%, 67%
HSV	96°, 6%, 69%
XYZ	38.9896, 42.3499, 42.2017
YIQ	173.0660, -0.3660, -4.3820

Conversions

Conversions Part 2

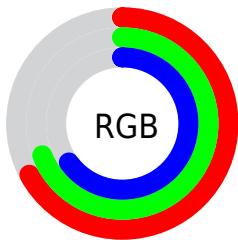
Format	Color
RYB	166, 176, 172
Decimal	11186342
CIELab	71.11, -3.97, 4.37
CIELCh	71, 5.904, 132.232
Yxy	42.3499, 0.3156, 0.3428
Android (android.graphics.Color)	4289376422 (0xFFAAB0A6)
YUV	173.0660, -3.4835, -2.6889
Hunter-Lab	65.0768, -6.9394, 7.1048

Details

The Yxy color $42.3499, 0.3156, 0.3428$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.1817, 0.3097, 0.3153$, and the grayscale version is $41.8454, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.9412, 0.3149, 0.3407$, and $19.4818, 0.3167, 0.3482$ is the 20% darker color. If you saturate the color by 10%, you get $40.6212, 0.3206, 0.3690$, and if you desaturate by 10%, it is $44.2649, 0.3105, 0.3190$.

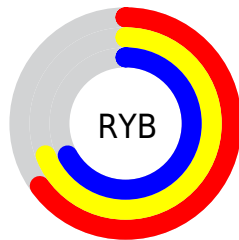
Distribution



Red (67%)

Green (69%)

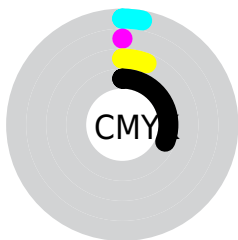
Blue (65%)



Red (65%)

Yellow (69%)

Blue (67%)

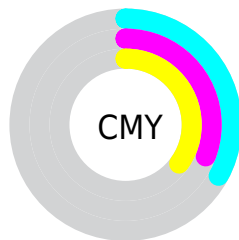


Cyan (3%)

Magenta (0%)

Yellow (6%)

Black (31%)



Cyan (33%)


Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3499, 0.3156, 0.3428 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 42.3499, 0.3156, 0.3428 by changing the saturation by 10% instead.


 42.3499, 0.3156,
0.3428

 42.3499, 0.3156,
0.3428


355.9314, 0.3142,
0.3357

 29.3754, 0.3160,
0.3446


 78.7289, 0.3151,
0.3402

 19.3650, 0.3164,
0.3470


 102.9022, 0.3149,
0.3392

 11.9343, 0.3170,
0.3502


131.5772, 0.3147,
0.3384

 6.6989, 0.3179,
0.3548

165.1382, 0.3146,
0.3377

 3.2745, 0.3191,
0.3621

203.9698, 0.3145,
0.3371

 1.2767, 0.3212,
0.3748

248.4562, 0.3143,

 0.1230, 0.1403,

0.3366

0.8597

298.9820, 0.3142,
0.3361

0.0000, 0.0000,
0.0000

42.3499, 0.3156,
0.3428

42.3499, 0.3156,
0.3428

40.6212, 0.3206,
0.3690

44.2649, 0.3105,
0.3190

39.0674, 0.3254,
0.3973

46.3661, 0.3055,
0.2976

37.6844, 0.3296,
0.4274

48.6607, 0.3007,
0.2785

36.4657, 0.3330,
0.4582

51.1535, 0.2962,
0.2616

35.4043, 0.3351,
0.4887

53.8496, 0.2919,
0.2465

■ 34.4928, 0.3357,
0.5172

■ 55.6369, 0.2993,
0.2476

■ 33.7228, 0.3345,
0.5421

■ 57.4667, 0.3076,
0.2496

■ 33.0853, 0.3314,
0.5618

■ 59.4043, 0.3158,
0.2516

■ 32.5690, 0.3266,
0.5756

■ 59.5299, 0.3163,
0.2517

Harmonies

Analogous

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



42.3499, 0.3235, 0.3437



42.3499, 0.3156, 0.3428



42.3499, 0.3070, 0.3380

Triad

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



42.3499, 0.3156, 0.3428



42.3499, 0.2972, 0.3172



42.3499, 0.3255, 0.3271

Complementary

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



42.3499, 0.3156, 0.3428



39.1817, 0.3097, 0.3153

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.



42.3499, 0.3183, 0.3203



42.3499, 0.3156, 0.3428



42.3499, 0.3020, 0.3145

Square

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



42.3499, 0.3156, 0.3428



42.3499, 0.2965, 0.3231



42.3499, 0.3097, 0.3157



42.3499, 0.3292, 0.3346

Rectangle

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



42.3499, 0.3156, 0.3428



42.3499, 0.3021, 0.3333



42.3499, 0.3097, 0.3157



42.3499, 0.3234, 0.3247

Sweetspot

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



42.3517, 0.3156, 0.3428



78.0375, 0.3138, 0.3339



41.4269, 0.3214, 0.3370



16.9202, 0.3137, 0.3336



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.



42.3517, 0.3156, 0.3428



76.3388, 0.3163, 0.3465



41.9427, 0.3114, 0.3418



9.7274, 0.3165, 0.3473



23.7865, 0.3252, 0.5800



0.7828, 0.3488, 0.5613

Inverse Universe

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



39.1817, 0.3097, 0.3153



69.1896, 0.3089, 0.3117



39.6089, 0.3141, 0.3166



8.7735, 0.3087, 0.3108



4.5559, 0.2242, 0.1009



0.1762, 0.2514, 0.1159

Previews

White Background



This preview shows how the Yxy color 42.3499, 0.3156, 0.3428 looks on a white background.

Color Contrast Check

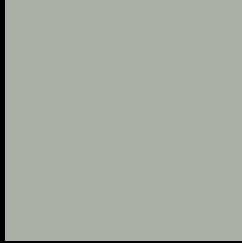
Large Text (above 18pt) WCAG AA × Fail

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 42.3499, 0.3156, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

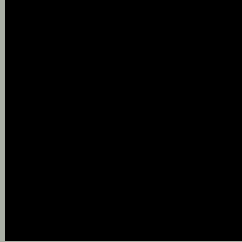
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

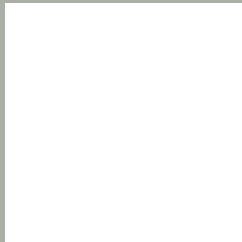
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3499, 0.3156, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 42.3499, 0.3156, 0.3428.



This preview shows how white text looks on a background with the Yxy color 42.3499, 0.3156, 0.3428.

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

42.3499, 0.3156, 0.3428

Protanopia

42.1875, 0.3249, 0.3399

Deuteranopia

42.1699, 0.3360, 0.3291



Tritanopia

42.3592, 0.3014, 0.3103

Trichromacy



Original Color

42.3499, 0.3156, 0.3428

Protanomaly

42.2188, 0.3220, 0.3413

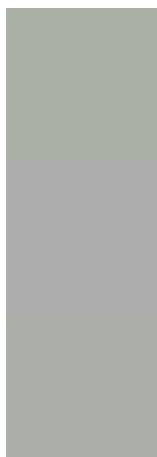
Deuteranomaly

42.2301, 0.3290, 0.3344

Tritanomaly

42.2974, 0.3069, 0.3222

Monochromacy



Original Color

42.3499, 0.3156, 0.3428

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.9450, 0.3142, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3499, 0.3156, 0.3428 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(170, 176, 166)` looks like.

```
.text, #text, p{  
    color:rgb(170, 176, 166)  
}
```

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(170, 176, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 176, 166) }
```

Border

The CSS property to change the border of an element to Yxy 42.3499, 0.3156, 0.3428 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(170, 176, 166) }
```

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

```
.border{ border-color:rgb(170, 176, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 176, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 176, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 176, 166);  
box-shadow:4px 4px 4px 4px rgb(170, 176,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3499, 0.3156, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 176, 166) }
```

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

```
.background{ background-color: rgb(170,  
176, 166) }
```

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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