

Converting Colors

$Yxy(41.9009, 0.3177, 0.3446)$

Have a look what the booklet for
Yxy(41.9009, 0.3177, 0.3446)
contains.

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Color

Yxy(41.8863, 0.3173, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	AAAFA4
RGB	170, 175, 164
RGB Percent	67%, 69%, 64%
CMY	0.3335, 0.3137, 0.3569
CMYK	0.03, 0.00, 0.06, 0.31
HSL	88°, 6%, 66%
HSV	88°, 6%, 69%
XYZ	38.6016, 41.8863, 41.1685
YIQ	172.2510, 0.5510, -4.4810

Conversions

Conversions Part 2

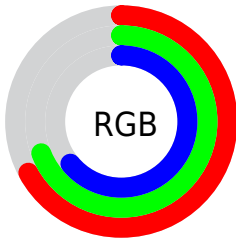
Format	Color
RYB	164, 175, 169
Decimal	11186084
CIELab	70.79, -3.83, 5.02
CIELCh	71, 6.315, 127.332
Yxy	41.8863, 0.3173, 0.3443
Android (android.graphics.Color)	4289376164 (0xFFAAAF4)
YUV	172.2510, -4.0677, -1.9741
Hunter-Lab	64.7196, -6.7942, 7.5890

Details

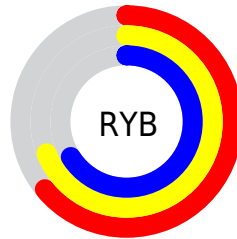
The Yxy color **41.8863, 0.3173, 0.3443** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.0845, 0.3079, 0.3137**, and the grayscale version is **41.4074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2739, 0.3162, 0.3418**, and **19.1873, 0.3191, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **40.4317, 0.3246, 0.3702**, and if you desaturate by 10%, it is **43.4861, 0.3100, 0.3204**.

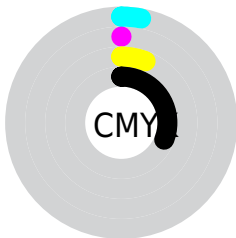
Distribution



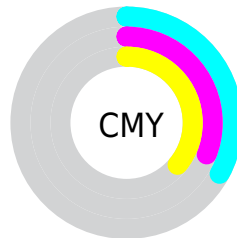
- Red (67%)
- Green (69%)
- Blue (64%)



- Red (64%)
- Yellow (69%)
- Blue (66%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8863, 0.3173, 0.3443 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 41.8863, 0.3173, 0.3443 by changing the saturation by 10% instead.

■ 41.8863, 0.3173,
0.3443

■ 41.8863, 0.3173,
0.3443

354.0114, 0.3150,
0.3365

■ 29.0123, 0.3179,
0.3463

■ 78.0275, 0.3165,
0.3414

■ 19.0901, 0.3186,
0.3490

■ 102.0635, 0.3161,
0.3403

■ 11.7354, 0.3196,
0.3526

130.5889, 0.3159,
0.3394

■ 6.5638, 0.3210,
0.3577

163.9882, 0.3157,
0.3387

■ 3.1908, 0.3231,
0.3658

202.6456, 0.3155,
0.3380

■ 1.2322, 0.3266,
0.3802

246.9457, 0.3153,

■ 0.0877, 0.0000,

0.3374

1.0000

297.2729, 0.3151,
0.3369

0.0000, 0.0000,
0.0000

41.8863, 0.3173,
0.3443

41.8863, 0.3173,
0.3443

40.4317, 0.3246,
0.3702

43.4861, 0.3100,
0.3204

39.1125, 0.3316,
0.3978

45.2300, 0.3030,
0.2986

37.9256, 0.3382,
0.4266

47.1238, 0.2963,
0.2789

36.8659, 0.3437,
0.4556

49.1714, 0.2899,
0.2613

35.9281, 0.3479,
0.4838

51.3767, 0.2840,
0.2455

■ 35.1060, 0.3503,
0.5098

■ 52.8081, 0.2877,
0.2437

■ 34.3932, 0.3505,
0.5321

■ 54.0762, 0.2938,
0.2452

■ 33.7821, 0.3485,
0.5497

■ 55.4049, 0.3000,
0.2468

■ 33.2629, 0.3444,
0.5621

■ 56.7952, 0.3063,
0.2483

Harmonies

Analogous

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



41.8863, 0.3254, 0.3446



41.8863, 0.3173, 0.3443



41.8863, 0.3081, 0.3398

Triad

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



41.8863, 0.3173, 0.3443



41.8863, 0.2956, 0.3171



41.8863, 0.3254, 0.3257

Complementary

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



41.8863, 0.3173, 0.3443



38.0845, 0.3079, 0.3137

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.



41.8863, 0.3172, 0.3186



41.8863, 0.3173, 0.3443



41.8863, 0.3001, 0.3137

Square

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



41.8863, 0.3173, 0.3443



41.8863, 0.2956, 0.3239



41.8863, 0.3080, 0.3143



41.8863, 0.3301, 0.3337

Rectangle

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



41.8863, 0.3173, 0.3443



41.8863, 0.3025, 0.3349



41.8863, 0.3080, 0.3143



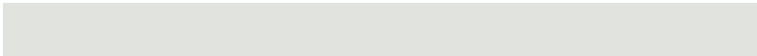
41.8863, 0.3229, 0.3231

Sweetspot

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



41.8881, 0.3173, 0.3443



76.1933, 0.3142, 0.3339



40.1546, 0.3226, 0.3359



16.9417, 0.3141, 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.



41.8881, 0.3173, 0.3443



74.5062, 0.3186, 0.3489



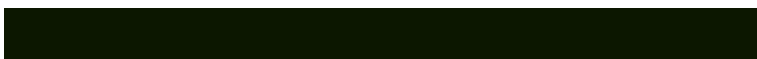
41.2968, 0.3125, 0.3445



9.1449, 0.3195, 0.3519



23.7268, 0.3435, 0.5655



0.6921, 0.3663, 0.5474

Inverse Universe

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



38.0845, 0.3079, 0.3137



65.8130, 0.3064, 0.3090



38.6965, 0.3129, 0.3139



7.9303, 0.3055, 0.3061



3.4810, 0.1961, 0.0854



0.1296, 0.2318, 0.1051

Previews

White Background



This preview shows how the Yxy color 41.8863, 0.3173, 0.3443 looks on a white background.

Color Contrast Check

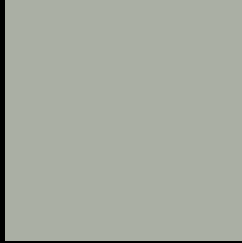
Large Text (above 18pt) WCAG AA × Fail

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 41.8863, 0.3173, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

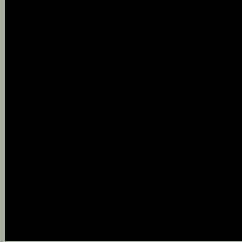
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

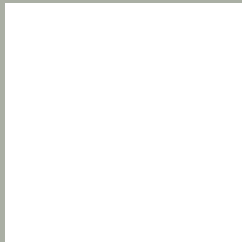
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.8863, 0.3173, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 41.8863, 0.3173, 0.3443.



This preview shows how white text looks on a background with the Yxy color 41.8863, 0.3173, 0.3443.

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

41.8863, 0.3173, 0.3443

Protanopia

41.7331, 0.3267, 0.3413

Deuteranopia

41.7281, 0.3380, 0.3304



Tritanopia

41.8921, 0.3030, 0.3115

Trichromacy



Original Color

41.8863, 0.3173, 0.3443

Protanomaly

41.7616, 0.3238, 0.3427

Deuteranomaly

41.7804, 0.3309, 0.3357

Tritanomaly

41.8321, 0.3085, 0.3235

Monochromacy



Original Color

41.8863, 0.3173, 0.3443

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.4096, 0.3142, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8863, 0.3173, 0.3443 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, 175, 164)` looks like.

```
.text, #text, p{  
    color:rgb(170, 175, 164)  
}
```

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, 175, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 175, 164) }
```

Border

The CSS property to change the border of an element to Yxy 41.8863, 0.3173, 0.3443 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, 175, 164) }
```

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

```
.border{ border-color:rgb(170, 175, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 175, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 175, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 175, 164);  
box-shadow:4px 4px 4px 4px rgb(170, 175,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8863, 0.3173, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 175, 164) }
```

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

```
.background{ background-color: rgb(170,  
175, 164) }
```

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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