

Converting Colors

$Yxy(41.5739, 0.3288, 0.3418)$

Have a look what the booklet for
Yxy(41.5739, 0.3288, 0.3418)
contains.

Yxy(41.4378, 0.3287, 0.3413)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.4378, 0.3287, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	B4ABA2
RGB	180, 171, 162
RGB Percent	71%, 67%, 64%
CMY	0.2940, 0.3294, 0.3648
CMYK	0.00, 0.05, 0.10, 0.29
HSL	30°, 11%, 67%
HSV	30°, 10%, 71%
XYZ	39.9080, 41.4378, 40.0658
YIQ	172.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

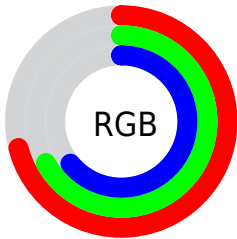
Format	Color
RYB	180, 180, 162
Decimal	11840418
CIELab	70.48, 1.64, 5.79
CIELCh	70, 6.016, 74.166
Yxy	41.4378, 0.3287, 0.3413
Android (android.graphics.Color)	4290030498 (0xFFB4ABA2)
YUV	172.6650, -5.2578, 6.4328
Hunter-Lab	64.3722, -1.9890, 8.1579

Details

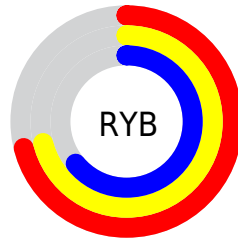
The Yxy color **41.4378, 0.3287, 0.3413** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0979, 0.2974, 0.3164**, and the grayscale version is **41.6351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2353, 0.3257, 0.3385**, and **18.8315, 0.3337, 0.3460** is the 20% darker color. If you saturate the color by 10%, you get **37.5608, 0.3469, 0.3543**, and if you desaturate by 10%, it is **45.6414, 0.3127, 0.3290**.

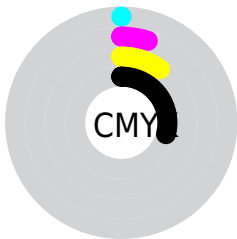
Distribution



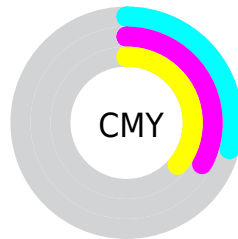
- Red (71%)
- Green (67%)
- Blue (64%)



- Red (71%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (29%)




- Cyan (29%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4378, 0.3287, 0.3413 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 41.4378, 0.3287, 0.3413 by changing the saturation by 10% instead.


 41.4378, 0.3287,
0.3413

 41.4378, 0.3287,
0.3413

352.1471, 0.3205,
0.3351

 28.6613, 0.3308,
0.3429

 77.3480, 0.3257,
0.3390

 18.8248, 0.3335,
0.3449


 101.2506, 0.3246,
0.3382

 11.5437, 0.3372,
0.3477


129.6307, 0.3236,
0.3374

 6.4338, 0.3425,
0.3517

162.8726, 0.3228,
0.3368

 3.1106, 0.3507,
0.3577

201.3608, 0.3221,
0.3363

 1.1898, 0.3656,
0.3685

245.4797, 0.3215,

 0.0533, 0.6299,

0.3358

0.3701

295.6137, 0.3210,
0.3354

0.0000, 0.0000,
0.0000

41.4378, 0.3287,
0.3413

41.4378, 0.3287,
0.3413

37.5608, 0.3469,
0.3543

45.6414, 0.3127,
0.3290

33.9965, 0.3675,
0.3676

50.1743, 0.2988,
0.3176

30.7379, 0.3904,
0.3809

55.0460, 0.2867,
0.3070

27.7757, 0.4156,
0.3935

60.2641, 0.2761,
0.2972

25.0998, 0.4423,
0.4043

65.8356, 0.2669,
0.2883

■ 22.6996, 0.4696,
0.4123

■ 70.7644, 0.2664,
0.2955

■ 20.5636, 0.4960,
0.4161

■ 75.7569, 0.2675,
0.3057

■ 18.6786, 0.5198,
0.4149

■ 81.0095, 0.2686,
0.3158

■ 17.0270, 0.5404,
0.4091

■ 86.5259, 0.2697,
0.3256

Harmonies

Analogous

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



41.4378, 0.3298, 0.3352



41.4378, 0.3287, 0.3413



41.4378, 0.3233, 0.3442

Triad

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



41.4378, 0.3287, 0.3413



41.4378, 0.2994, 0.3303



41.4378, 0.3102, 0.3156

Complementary

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



41.4378, 0.3287, 0.3413



40.0979, 0.2974, 0.3164

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.



41.4378, 0.3021, 0.3141



41.4378, 0.3287, 0.3413



41.4378, 0.2960, 0.3225

Square

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



41.4378, 0.3287, 0.3413



41.4378, 0.3064, 0.3378



41.4378, 0.2970, 0.3166



41.4378, 0.3190, 0.3204

Rectangle

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



41.4378, 0.3287, 0.3413



41.4378, 0.3180, 0.3439



41.4378, 0.2970, 0.3166



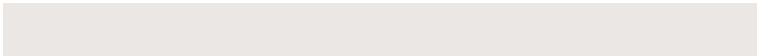
41.4378, 0.3073, 0.3147

Sweetspot

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



41.4396, 0.3287, 0.3413



80.3695, 0.3174, 0.3327



38.4780, 0.3218, 0.3168



17.2374, 0.3186, 0.3336



91.1408, 0.3127, 0.3290



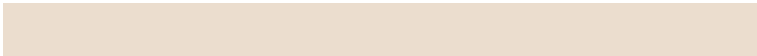
17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.4396, 0.3287, 0.3413



73.5379, 0.3325, 0.3441



44.9627, 0.3274, 0.3532



9.1842, 0.3275, 0.3404



12.0158, 0.5385, 0.4106



0.4947, 0.4969, 0.4436

Inverse Universe

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



40.0979, 0.2974, 0.3164



70.6192, 0.2940, 0.3134



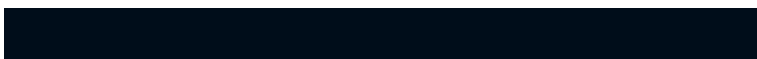
36.8074, 0.2973, 0.3036



8.9084, 0.2985, 0.3173



7.5325, 0.1778, 0.1601



0.3537, 0.1920, 0.2112

Previews

White Background



This preview shows how the Yxy color 41.4378, 0.3287, 0.3413 looks on a white background.

Color Contrast Check

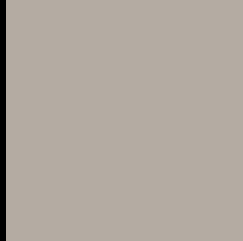
Large Text (above 18pt) WCAG AA × Fail

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 41.4378, 0.3287, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

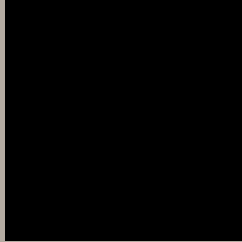
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

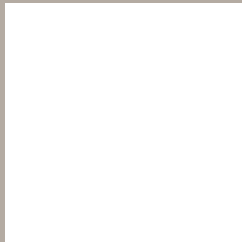
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4378, 0.3287, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 41.4378, 0.3287, 0.3413.

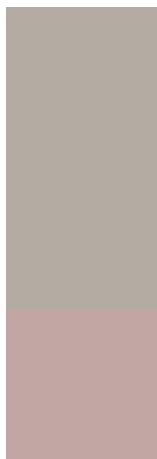


This preview shows how white text looks on a background with the Yxy color 41.4378, 0.3287, 0.3413.

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

41.4378, 0.3287, 0.3413

Protanopia

41.5787, 0.3267, 0.3427

Deuteranopia

41.2542, 0.3410, 0.3330



Tritanopia

41.4087, 0.3153, 0.3119

Trichromacy



Original Color

41.4378, 0.3287, 0.3413

Protanomaly

41.6974, 0.3276, 0.3426

Deuteranomaly

41.3410, 0.3358, 0.3357

Tritanomaly

41.3770, 0.3203, 0.3224

Monochromacy



Original Color

41.4378, 0.3287, 0.3413

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.5997, 0.3188, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4378, 0.3287, 0.3413 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(180, 171, 162)` looks like.

```
.text, #text, p{  
    color:rgb(180, 171, 162)  
}
```

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(180, 171, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 171, 162) }
```

Border

The CSS property to change the border of an element to Yxy 41.4378, 0.3287, 0.3413 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(180, 171, 162) }
```

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

```
.border{ border-color:rgb(180, 171, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 171, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 171, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 171, 162);  
box-shadow:4px 4px 4px 4px rgb(180, 171,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4378, 0.3287, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 171, 162) }
```

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

```
.background{ background-color: rgb(180,  
171, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor