

Converting Colors

$Y_{xy}(44.3194, 0.3186, 0.3310)$

Have a look what the booklet for
Yxy(44.3194, 0.3186, 0.3310)
contains.

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Color

Yxy(44.4845, 0.3187, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	B6B1AF
RGB	182, 177, 175
RGB Percent	71%, 69%, 69%
CMY	0.2865, 0.3058, 0.3138
CMYK	0.00, 0.03, 0.04, 0.29
HSL	18°, 5%, 70%
HSV	18°, 4%, 71%
XYZ	42.7411, 44.4845, 46.8851
YIQ	178.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

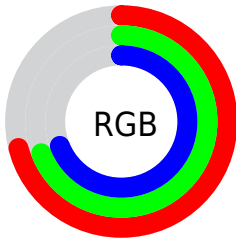
Format	Color
RYB	182, 178, 175
Decimal	11973039
CIELab	72.55, 1.38, 1.65
CIELCh	73, 2.148, 50.070
Yxy	44.4845, 0.3187, 0.3317
Android (android.graphics.Color)	4290163119 (0xFFB6B1AF)
YUV	178.2670, -1.6106, 3.2738
Hunter-Lab	66.6967, -2.3316, 5.0092

Details

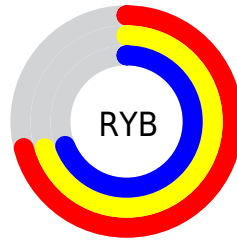
The Yxy color $44.4845, 0.3187, 0.3317$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.0961, 0.3069, 0.3263$, and the grayscale version is $44.6739, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.1681, 0.3180, 0.3321$, and $20.5125, 0.3199, 0.3308$ is the 20% darker color. If you saturate the color by 10%, you get $38.9680, 0.3363, 0.3391$, and if you desaturate by 10%, it is $50.5815, 0.3038, 0.3248$.

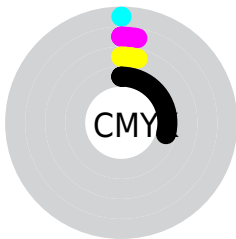
Distribution



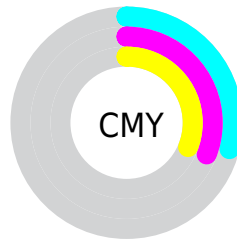
- Red (71%)
- Green (69%)
- Blue (69%)



- Red (71%)
- Yellow (70%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4845, 0.3187, 0.3317 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 44.4845, 0.3187, 0.3317 by changing the saturation by 10% instead.

■ 44.4845, 0.3187,
0.3317

■ 44.4845, 0.3187,
0.3317

364.6817, 0.3157,
0.3304

■ 31.0516, 0.3195,
0.3320

■ 81.9463, 0.3176,
0.3312

■ 20.6381, 0.3204,
0.3325

106.7440, 0.3172,
0.3310

■ 12.8597, 0.3218,
0.3331

136.0987, 0.3168,
0.3309

■ 7.3320, 0.3236,
0.3339

170.3949, 0.3165,
0.3307

■ 3.6706, 0.3265,
0.3351

210.0168, 0.3163,
0.3306

■ 1.4911, 0.3314,
0.3372

255.3491, 0.3161,

■ 0.2824, 0.3889,

0.3305

0.3635

306.7759, 0.3159,
0.3304

0.0000, 0.0000,
0.0000

44.4845, 0.3187,
0.3317

44.4845, 0.3187,
0.3317

38.9680, 0.3363,
0.3391

50.5815, 0.3038,
0.3248

34.0091, 0.3573,
0.3470

57.2694, 0.2913,
0.3185

29.5918, 0.3819,
0.3550

64.5660, 0.2807,
0.3127

25.6974, 0.4106,
0.3628

72.4861, 0.2718,
0.3074

22.3057, 0.4432,
0.3697

80.3180, 0.2695,
0.3141

■ 19.3954, 0.4790,
0.3748

■ 88.2323, 0.2710,
0.3281

■ 16.9436, 0.5162,
0.3769

■ 88.6787, 0.2711,
0.3289

■ 14.9252, 0.5517,
0.3751

■ 13.3123, 0.5819,
0.3686

Harmonies

Analogous

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



44.4845, 0.3178, 0.3291



44.4845, 0.3187, 0.3317



44.4845, 0.3180, 0.3336

Triad

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



44.4845, 0.3187, 0.3317



44.4845, 0.3100, 0.3316



44.4845, 0.3095, 0.3238

Complementary

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



44.4845, 0.3187, 0.3317



45.0961, 0.3069, 0.3263

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.



44.4845, 0.3075, 0.3244



44.4845, 0.3187, 0.3317



44.4845, 0.3077, 0.3289

Square

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



44.4845, 0.3187, 0.3317



44.4845, 0.3130, 0.3336



44.4845, 0.3068, 0.3263



44.4845, 0.3125, 0.3245

Rectangle

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



44.4845, 0.3187, 0.3317



44.4845, 0.3167, 0.3342



44.4845, 0.3068, 0.3263



44.4845, 0.3087, 0.3238

Sweetspot

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



44.4864, 0.3187, 0.3317



83.7026, 0.3143, 0.3297



43.8889, 0.3148, 0.3224



18.4999, 0.3142, 0.3297



93.3107, 0.3127, 0.3290



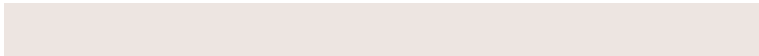
18.7317, 0.3127, 0.3290

Same Dimension

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



44.4864, 0.3187, 0.3317



79.3865, 0.3208, 0.3326



45.8538, 0.3184, 0.3362



9.9048, 0.3216, 0.3330



8.9337, 0.5958, 0.3651



0.4255, 0.5438, 0.4064

Inverse Universe

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



45.0961, 0.3069, 0.3263



80.8448, 0.3050, 0.3254



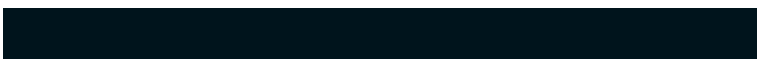
43.7339, 0.3070, 0.3217



10.1061, 0.3042, 0.3250



13.5605, 0.1979, 0.2323



0.5793, 0.2056, 0.2602

Previews

White Background



This preview shows how the Yxy color 44.4845, 0.3187, 0.3317 looks on a white background.

Color Contrast Check

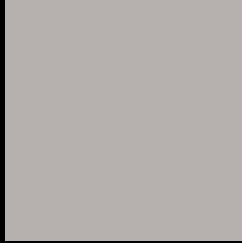
Large Text (above 18pt) WCAG AA × Fail

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 44.4845, 0.3187, 0.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

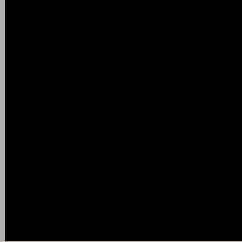
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

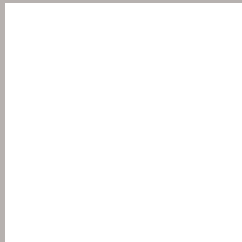
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4845, 0.3187, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 44.4845, 0.3187, 0.3317.



This preview shows how white text looks on a background with the Yxy color 44.4845, 0.3187, 0.3317.

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

44.4845, 0.3187, 0.3317

Protanopia

44.4845, 0.3187, 0.3317

Deuteranopia

44.3754, 0.3311, 0.3240



Tritanopia

44.5244, 0.3092, 0.3109

Trichromacy



Original Color

44.4845, 0.3187, 0.3317

Protanomaly

44.4845, 0.3187, 0.3317

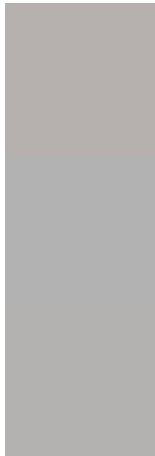
Deuteranomaly

44.4831, 0.3263, 0.3265

Tritanomaly

44.5786, 0.3123, 0.3186

Monochromacy



Original Color

44.4845, 0.3187, 0.3317

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.5988, 0.3144, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4845, 0.3187, 0.3317 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(182, 177, 175)` looks like.

```
.text, #text, p{  
    color:rgb(182, 177, 175)  
}
```

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(182, 177, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 177, 175) }
```

Border

The CSS property to change the border of an element to Yxy 44.4845, 0.3187, 0.3317 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(182, 177, 175) }
```

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

```
.border{ border-color:rgb(182, 177, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 177, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 177, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 177, 175);  
box-shadow:4px 4px 4px 4px rgb(182, 177,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4845, 0.3187, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 177, 175) }
```

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

```
.background{ background-color: rgb(182,  
177, 175) }
```

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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