

Converting Colors

$Yxy(44.0697, 0.3382, 0.3568)$

Have a look what the booklet for
Yxy(44.0697, 0.3382, 0.3568)
contains.

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Color

Yxy(44.2837, 0.3384, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	BAB19C
RGB	186, 177, 156
RGB Percent	73%, 69%, 61%
CMY	0.2705, 0.3059, 0.3883
CMYK	0.00, 0.05, 0.16, 0.27
HSL	42°, 18%, 67%
HSV	42°, 16%, 73%
XYZ	41.9765, 44.2837, 37.7838
YIQ	177.2970, 12.1050, -4.6230

Conversions

Conversions Part 2

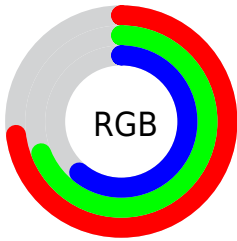
Format	Color
RYB	169, 186, 156
Decimal	12235164
CIELab	72.42, -0.34, 11.90
CIELCh	72, 11.905, 91.655
Yxy	44.2837, 0.3384, 0.3570
Android (android.graphics.Color)	4290425244 (0xFFBAB19C)
YUV	177.2970, -10.4994, 7.6325
Hunter-Lab	66.5460, -3.8597, 12.9182

Details

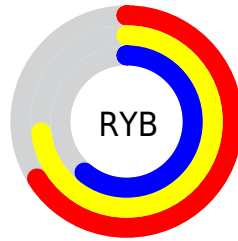
The Yxy color **44.2837, 0.3384, 0.3570** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5311, 0.2874, 0.2993**, and the grayscale version is **44.1844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8582, 0.3331, 0.3518**, and **20.6737, 0.3458, 0.3656** is the 20% darker color. If you saturate the color by 10%, you get **41.5390, 0.3562, 0.3751**, and if you desaturate by 10%, it is **47.2194, 0.3220, 0.3394**.

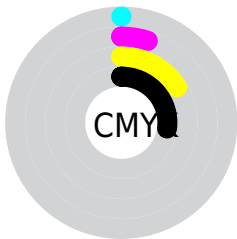
Distribution



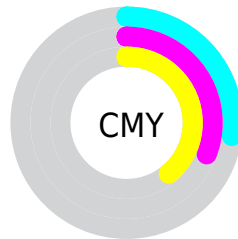
- Red (73%)
- Green (69%)
- Blue (61%)



- Red (66%)
- Yellow (73%)
- Blue (61%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (27%)



- Cyan (27%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2837, 0.3384, 0.3570 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 44.2837, 0.3384, 0.3570 by changing the saturation by 10% instead.


 44.2837, 0.3384,
0.3570


 44.2837, 0.3384,
0.3570

363.8647, 0.3255,
0.3429

 30.8936, 0.3417,
0.3606

 81.6445, 0.3337,
0.3518

 20.5178, 0.3459,
0.3652


 106.3839, 0.3319,
0.3499

 12.7720, 0.3515,
0.3713

135.6753, 0.3304,
0.3483

 7.2717, 0.3593,
0.3799

169.9030, 0.3291,
0.3469

 3.6326, 0.3710,
0.3928

209.4514, 0.3280,
0.3457

 1.4703, 0.3936,
0.4176

254.7049, 0.3271,

 0.2677, 0.4789,

0.3446

0.5211

306.0479, 0.3262,
0.3437

0.0000, 0.0000,
0.0000

44.2837, 0.3384,
0.3570

44.2837, 0.3384,
0.3570

41.5390, 0.3562,
0.3751

47.2194, 0.3220,
0.3394

38.9739, 0.3751,
0.3933

50.3454, 0.3072,
0.3227

36.5846, 0.3949,
0.4107

53.6684, 0.2937,
0.3070

34.3648, 0.4149,
0.4266

57.1933, 0.2817,
0.2924

32.3078, 0.4343,
0.4398

60.9244, 0.2710,
0.2790

■ 30.4061, 0.4522,
0.4492

■ 64.0271, 0.2682,
0.2793

■ 28.6510, 0.4676,
0.4541

■ 66.8463, 0.2689,
0.2857

■ 27.0317, 0.4801,
0.4541

■ 69.7631, 0.2695,
0.2921

■ 26.4358, 0.4846,
0.4534

■ 72.7784, 0.2701,
0.2985

Harmonies

Analogous

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



44.2837, 0.3458, 0.3481



44.2837, 0.3384, 0.3570



44.2837, 0.3242, 0.3584

Triad

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



44.2837, 0.3384, 0.3570



44.2837, 0.2823, 0.3221



44.2837, 0.3177, 0.3081

Complementary

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



44.2837, 0.3384, 0.3570



37.5311, 0.2874, 0.2993

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.



44.2837, 0.3007, 0.3013



44.2837, 0.3384, 0.3570



44.2837, 0.2807, 0.3088

Square

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



44.2837, 0.3384, 0.3570



44.2837, 0.2919, 0.3378



44.2837, 0.2873, 0.3015



44.2837, 0.3337, 0.3201

Rectangle

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



44.2837, 0.3384, 0.3570



44.2837, 0.3128, 0.3546



44.2837, 0.2873, 0.3015



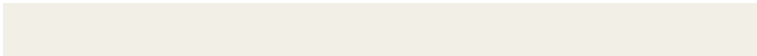
44.2837, 0.3119, 0.3052

Sweetspot

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



44.2857, 0.3384, 0.3570



86.1467, 0.3204, 0.3376



36.9517, 0.3336, 0.3162



18.8852, 0.3215, 0.3388



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



44.2857, 0.3384, 0.3570



78.6321, 0.3439, 0.3627



47.2943, 0.3317, 0.3691



10.0352, 0.3271, 0.3449



17.9160, 0.4835, 0.4543



0.7345, 0.4634, 0.4703

Inverse Universe

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



37.5311, 0.2874, 0.2993



64.3135, 0.2821, 0.2929



34.9497, 0.2918, 0.2868



9.1479, 0.2985, 0.3126



4.3988, 0.1617, 0.1021



0.2671, 0.1768, 0.1566

Previews

White Background



This preview shows how the Yxy color 44.2837, 0.3384, 0.3570 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 44.2837, 0.3384, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

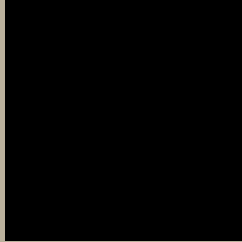
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

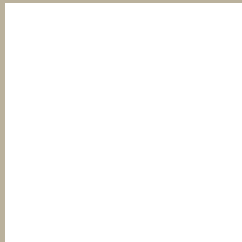
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2837, 0.3384, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 44.2837, 0.3384, 0.3570.



This preview shows how white text looks on a background with the Yxy color 44.2837, 0.3384, 0.3570.

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

44.2837, 0.3384, 0.3570

Protanopia

44.2837, 0.3384, 0.3570

Deuteranopia

44.1167, 0.3539, 0.3469



Tritanopia

44.3795, 0.3170, 0.3124

Trichromacy



Original Color

44.2837, 0.3384, 0.3570

Protanomaly

44.2837, 0.3384, 0.3570

Deuteranomaly

44.0572, 0.3477, 0.3498

Tritanomaly

44.1861, 0.3253, 0.3277

Monochromacy



Original Color

44.2837, 0.3384, 0.3570

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0122, 0.3219, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2837, 0.3384, 0.3570 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(186, 177, 156)` looks like.

```
.text, #text, p{  
    color:rgb(186, 177, 156)  
}
```

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(186, 177, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 177, 156) }
```

Border

The CSS property to change the border of an element to Yxy 44.2837, 0.3384, 0.3570 is called "border". The border property can be set on classes, ids or directly on the HTML element.

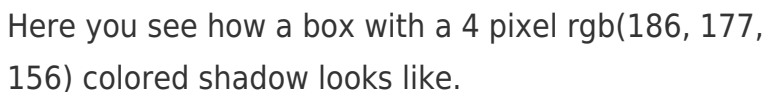
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 177, 156) }
```

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

```
.border{ border-color:rgb(186, 177, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 177, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 177, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 177, 156); box-shadow:4px 4px 4px 4px rgb(186, 177, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2837, 0.3384, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 177, 156) }
```

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

```
.background{ background-color: rgb(186,  
177, 156) }
```

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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