

Converting Colors

$Yxy(45.9839, 0.3261, 0.3421)$

Have a look what the booklet for
Yxy(45.9839, 0.3261, 0.3421)
contains.

Yxy(45.9839, 0.3261, 0.3421)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.9839, 0.3261, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	BAB4AA
RGB	186, 180, 170
RGB Percent	73%, 71%, 67%
CMY	0.2705, 0.2941, 0.3333
CMYK	0.00, 0.03, 0.09, 0.27
HSL	37°, 10%, 70%
HSV	37°, 9%, 73%
XYZ	43.8332, 45.9839, 44.5994
YIQ	180.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

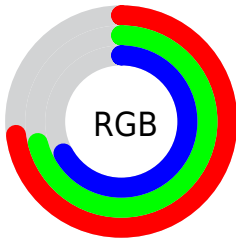
Format	Color
R_{YB}	180, 186, 170
Decimal	12235946
CIE Lab	73.54, 0.37, 5.84
CIE LCh	74, 5.851, 86.343
Yxy	45.9839, 0.3261, 0.3421
Android (android.graphics.Color)	4290426026 (0xFFBAB4AA)
YUV	180.6540, -5.2524, 4.6884
Hunter-Lab	67.8114, -3.2878, 8.4731

Details

The Yxy color $45.9839, 0.3261, 0.3421$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.1637, 0.2996, 0.3155$, and the grayscale version is $46.0415, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.3044, 0.3237, 0.3402$, and $21.4733, 0.3301, 0.3452$ is the 20% darker color. If you saturate the color by 10%, you get $42.5708, 0.3433, 0.3580$, and if you desaturate by 10%, it is $49.6439, 0.3107, 0.3270$.

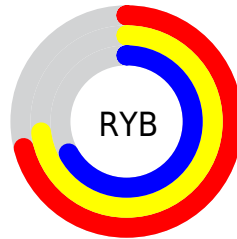
Distribution



Red (73%)

Green (71%)

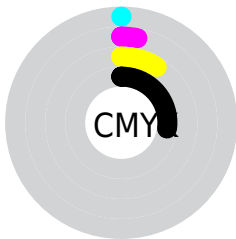
Blue (67%)



Red (71%)

Yellow (73%)

Blue (67%)

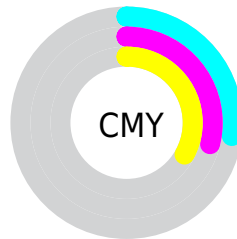


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (27%)



Cyan (27%)

Magenta (29%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.9839, 0.3261, 0.3421 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 45.9839, 0.3261, 0.3421 by changing the saturation by 10% instead.

■ 45.9839, 0.3261,
0.3421

■ 45.9839, 0.3261,
0.3421

370.7439, 0.3194,
0.3355

■ 32.2331, 0.3278,
0.3437

■ 84.1949, 0.3237,
0.3397

■ 21.5396, 0.3300,
0.3459

109.4239, 0.3227,
0.3388

■ 13.5190, 0.3329,
0.3487

139.2478, 0.3220,
0.3381

■ 7.7869, 0.3369,
0.3526

174.0509, 0.3213,
0.3374

■ 3.9589, 0.3430,
0.3585

214.2177, 0.3207,
0.3369

■ 1.6506, 0.3532,
0.3684

260.1325, 0.3202,

■ 0.3914, 0.4822,

0.3364

0.4952

312.1798, 0.3198,
0.3359

0.0000, 0.0000,
0.0000

45.9839, 0.3261,
0.3421

45.9839, 0.3261,
0.3421

42.5708, 0.3433,
0.3580

49.6439, 0.3107,
0.3270

39.3924, 0.3622,
0.3744

53.5507, 0.2969,
0.3128

36.4440, 0.3827,
0.3907

57.7121, 0.2848,
0.2996

33.7187, 0.4045,
0.4063

62.1336, 0.2740,
0.2875

31.2089, 0.4269,
0.4201

66.2927, 0.2687,
0.2845

■ 28.9065, 0.4490,
0.4310

■ 69.9422, 0.2695,
0.2925

■ 26.8026, 0.4697,
0.4380

■ 73.7467, 0.2703,
0.3005

■ 24.8869, 0.4879,
0.4401

■ 77.7080, 0.2711,
0.3083

■ 23.1440, 0.5032,
0.4375

■ 81.8278, 0.2719,
0.3160

Harmonies

Analogous

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



45.9839, 0.3289, 0.3374



45.9839, 0.3261, 0.3421



45.9839, 0.3197, 0.3433

Triad

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



45.9839, 0.3261, 0.3421



45.9839, 0.2984, 0.3271



45.9839, 0.3137, 0.3179

Complementary

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



45.9839, 0.3261, 0.3421



43.1637, 0.2996, 0.3155

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.



45.9839, 0.3056, 0.3151



45.9839, 0.3261, 0.3421



45.9839, 0.2968, 0.3203

Square

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



45.9839, 0.3261, 0.3421



45.9839, 0.3038, 0.3346



45.9839, 0.2995, 0.3160



45.9839, 0.3217, 0.3235

Rectangle

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



45.9839, 0.3261, 0.3421



45.9839, 0.3144, 0.3419



45.9839, 0.2995, 0.3160



45.9839, 0.3109, 0.3166

Sweetspot

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



45.9859, 0.3261, 0.3421



86.9510, 0.3173, 0.3336



42.3367, 0.3221, 0.3210



19.0298, 0.3186, 0.3348



95.5105, 0.3127, 0.3290



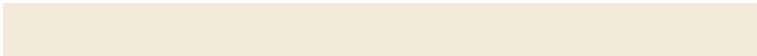
19.5994, 0.3127, 0.3290

Same Dimension

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



45.9859, 0.3261, 0.3421



82.3297, 0.3286, 0.3445



48.2455, 0.3237, 0.3499



9.9190, 0.3273, 0.3432



15.5570, 0.5039, 0.4381



0.6634, 0.4768, 0.4596

Inverse Universe

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



43.1637, 0.2996, 0.3155



76.3589, 0.2972, 0.3130



41.0563, 0.3012, 0.3074



9.2594, 0.2985, 0.3144



5.4755, 0.1672, 0.1220



0.3137, 0.1822, 0.1759

Previews

White Background



This preview shows how the Yxy color 45.9839, 0.3261, 0.3421 looks on a white background.

Color Contrast Check

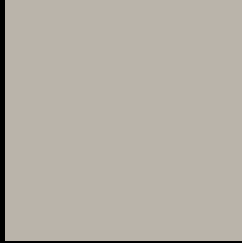
Large Text (above 18pt) WCAG AA × Fail

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 45.9839, 0.3261, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

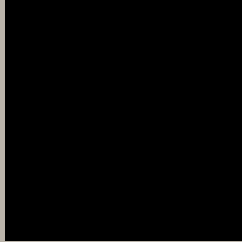
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

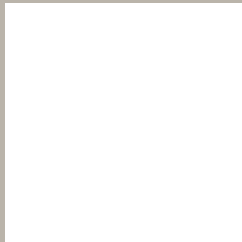
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.9839, 0.3261, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 45.9839, 0.3261, 0.3421.

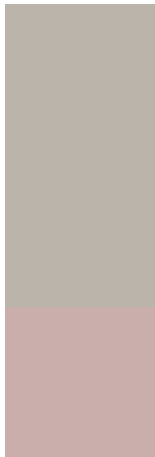


This preview shows how white text looks on a background with the Yxy color 45.9839, 0.3261, 0.3421.

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

45.9839, 0.3261, 0.3421

Protanopia

45.9839, 0.3261, 0.3421

Deuteranopia

45.7689, 0.3407, 0.3328



Tritanopia

46.0247, 0.3118, 0.3112

Trichromacy



Original Color

45.9839, 0.3261, 0.3421

Protanomaly

45.9839, 0.3261, 0.3421

Deuteranomaly

45.7267, 0.3348, 0.3354

Tritanomaly

45.9511, 0.3174, 0.3226

Monochromacy



Original Color

45.9839, 0.3261, 0.3421

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.2894, 0.3176, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9839, 0.3261, 0.3421 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, 180, 170)` looks like.

```
.text, #text, p{  
    color:rgb(186, 180, 170)  
}
```

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, 180, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 180, 170) }
```

Border

The CSS property to change the border of an element to Yxy 45.9839, 0.3261, 0.3421 is called "border". The border property can be set on classes, ids or directly on the HTML element.

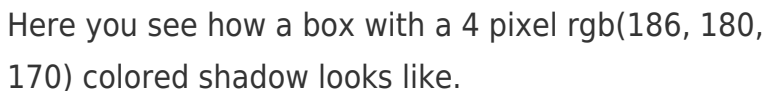
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 180, 170) }
```

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

```
.border{ border-color:rgb(186, 180, 170) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 180, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 180, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 180, 170);  
box-shadow:4px 4px 4px 4px rgb(186, 180,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9839, 0.3261, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 180, 170) }
```

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

```
.background{ background-color: rgb(186,  
180, 170) }
```

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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