

Converting Colors

$Yxy(45.6371, 0.3302, 0.3502)$

Have a look what the booklet for
Yxy(45.6371, 0.3302, 0.3502)
contains.

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Color

Yxy(45.6371, 0.3302, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	B9B4A4
RGB	185, 180, 164
RGB Percent	73%, 71%, 64%
CMY	0.2744, 0.2941, 0.3570
CMYK	0.00, 0.03, 0.11, 0.27
HSL	46°, 13%, 68%
HSV	46°, 11%, 73%
XYZ	43.0308, 45.6371, 41.6494
YIQ	179.6710, 8.1160, -3.9160

Conversions

Conversions Part 2

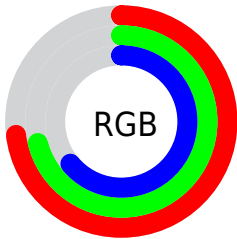
Format	Color
RYB	171, 185, 164
Decimal	12170404
CIELab	73.31, -1.03, 8.80
CIELCh	73, 8.859, 96.651
Yxy	45.6371, 0.3302, 0.3502
Android (android.graphics.Color)	4290360484 (0xFFB9B4A4)
YUV	179.6710, -7.7258, 4.6735
Hunter-Lab	67.5552, -4.5223, 10.7350

Details

The Yxy color $45.6371, 0.3302, 0.3502$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $39.7653, 0.2952, 0.3069$, and the grayscale version is $45.4964, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.8062, 0.3268, 0.3465$, and $21.2541, 0.3357, 0.3563$ is the 20% darker color. If you saturate the color by 10%, you get $43.2661, 0.3469, 0.3696$, and if you desaturate by 10%, it is $48.1661, 0.3147, 0.3315$.

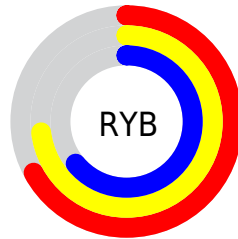
Distribution



Red (73%)

Green (71%)

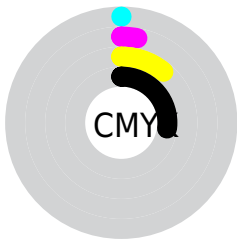
Blue (64%)



Red (67%)

Yellow (73%)

Blue (64%)

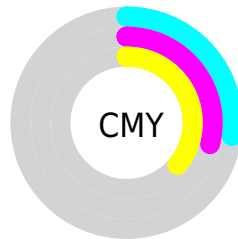


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (29%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6371, 0.3302, 0.3502 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 45.6371, 0.3302, 0.3502 by changing the saturation by 10% instead.

 45.6371, 0.3302,
0.3502


 45.6371, 0.3302,
0.3502


369.3477, 0.3214,
0.3395

 31.9595, 0.3324,
0.3529


 83.6756, 0.3270,
0.3463

 21.3306, 0.3352,
0.3563


 108.8054, 0.3258,
0.3449

 13.3659, 0.3390,
0.3610


138.5213, 0.3248,
0.3436

 7.6810, 0.3442,
0.3675

173.2079, 0.3239,
0.3426

 3.8915, 0.3521,
0.3773

213.2494, 0.3232,
0.3417

 1.6131, 0.3650,
0.3936

259.0303, 0.3225,

 0.3664, 0.4687,

0.3409

0.5313

310.9349, 0.3220,
0.3402

0.0000, 0.0000,
0.0000

45.6371, 0.3302,
0.3502

45.6371, 0.3302,
0.3502

43.2661, 0.3469,
0.3696

48.1661, 0.3147,
0.3315

41.0423, 0.3645,
0.3892

50.8514, 0.3006,
0.3138

38.9627, 0.3828,
0.4084

53.6992, 0.2877,
0.2972

37.0219, 0.4012,
0.4263

56.7137, 0.2762,
0.2819

35.2140, 0.4190,
0.4420

59.8028, 0.2666,
0.2693

■ 33.5327, 0.4354,
0.4543

■ 61.9029, 0.2671,
0.2745

■ 31.9704, 0.4495,
0.4625

■ 64.0627, 0.2676,
0.2796

■ 30.5187, 0.4609,
0.4660

■ 66.2826, 0.2682,
0.2847

■ 29.3411, 0.4688,
0.4659

■ 68.5631, 0.2687,
0.2897

Harmonies

Analogous

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



45.6371, 0.3366, 0.3446



45.6371, 0.3302, 0.3502



45.6371, 0.3192, 0.3500

Triad

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



45.6371, 0.3302, 0.3502



45.6371, 0.2896, 0.3222



45.6371, 0.3185, 0.3148

Complementary

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



45.6371, 0.3302, 0.3502



39.7653, 0.2952, 0.3069

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.



45.6371, 0.3059, 0.3089



45.6371, 0.3302, 0.3502



45.6371, 0.2894, 0.3130

Square

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



45.6371, 0.3302, 0.3502



45.6371, 0.2958, 0.3336



45.6371, 0.2953, 0.3082



45.6371, 0.3298, 0.3242

Rectangle

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



45.6371, 0.3302, 0.3502



45.6371, 0.3108, 0.3466



45.6371, 0.2953, 0.3082



45.6371, 0.3143, 0.3123

Sweetspot

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



45.6391, 0.3302, 0.3502



85.4688, 0.3172, 0.3346



39.7312, 0.3280, 0.3220



18.3455, 0.3185, 0.3361



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.



45.6391, 0.3302, 0.3502



80.4807, 0.3348, 0.3557



47.0591, 0.3248, 0.3570



10.1307, 0.3269, 0.3463



20.0911, 0.4681, 0.4665



0.7974, 0.4531, 0.4784

Inverse Universe

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



39.7653, 0.2952, 0.3069



67.5804, 0.2905, 0.3008



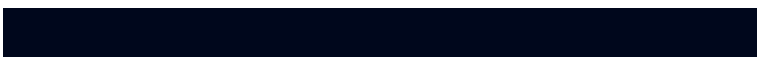
38.5058, 0.2997, 0.3002



9.0578, 0.2985, 0.3111



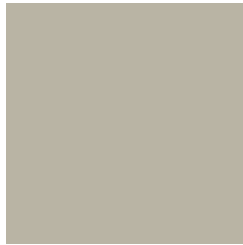
3.7132, 0.1579, 0.0885



0.2292, 0.1721, 0.1395

Previews

White Background



This preview shows how the Yxy color 45.6371, 0.3302, 0.3502 looks on a white background.

Color Contrast Check

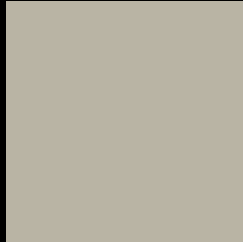
Large Text (above 18pt) WCAG AA × Fail

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 45.6371, 0.3302, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

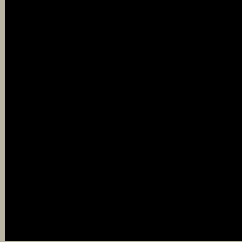
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

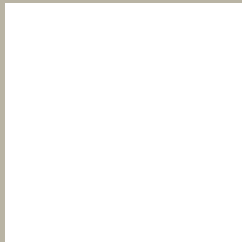
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.6371, 0.3302, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 45.6371, 0.3302, 0.3502.



This preview shows how white text looks on a background with the Yxy color 45.6371, 0.3302, 0.3502.

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

45.6371, 0.3302, 0.3502

Protanopia

45.4853, 0.3321, 0.3488

Deuteranopia

45.6852, 0.3469, 0.3404



Tritanopia

45.5872, 0.3127, 0.3112

Trichromacy



Original Color

45.6371, 0.3302, 0.3502

Protanomaly

45.3596, 0.3312, 0.3488

Deuteranomaly

45.5030, 0.3400, 0.3432

Tritanomaly

45.4718, 0.3191, 0.3239

Monochromacy



Original Color

45.6371, 0.3302, 0.3502

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.6436, 0.3193, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6371, 0.3302, 0.3502 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(185, 180, 164)` looks like.

```
.text, #text, p{  
    color:rgb(185, 180, 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(185, 180, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 180, 164) }
```

Border

The CSS property to change the border of an element to Yxy 45.6371, 0.3302, 0.3502 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(185, 180, 164) }
```

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

```
.border{ border-color:rgb(185, 180, 164) }
```

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

Here you see how a box with a 4 pixel rgb(185, 180, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 180, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 180, 164);  
box-shadow:4px 4px 4px 4px rgb(185, 180,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6371, 0.3302, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 180, 164) }
```

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

```
.background{ background-color: rgb(185,  
180, 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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