

Converting Colors

$Yxy(45.5496, 0.3225, 0.3424)$

Have a look what the booklet for
Yxy(45.5496, 0.3225, 0.3424)
contains.

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Color

Yxy(45.4899, 0.3225, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	B6B4AA
RGB	182, 180, 170
RGB Percent	71%, 71%, 67%
CMY	0.2865, 0.2940, 0.3334
CMYK	0.00, 0.01, 0.07, 0.29
HSL	50°, 8%, 69%
HSV	50°, 7%, 71%
XYZ	42.8586, 45.4899, 44.5463
YIQ	179.4580, 4.4020, -2.6860

Conversions

Conversions Part 2

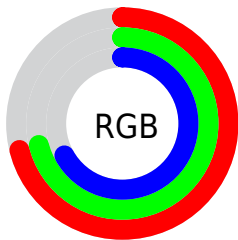
Format	Color
RYB	172, 182, 170
Decimal	11973802
CIELab	73.21, -1.12, 5.34
CIELCh	73, 5.460, 101.885
Yxy	45.4899, 0.3225, 0.3423
Android (android.graphics.Color)	4290163882 (0xFFB6B4AA)
YUV	179.4580, -4.6628, 2.2293
Hunter-Lab	67.4462, -4.6033, 8.0529

Details

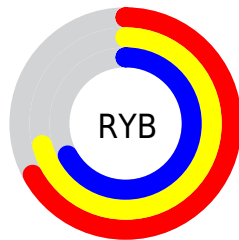
The Yxy color `45.4899, 0.3225, 0.3423` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `41.3946, 0.3028, 0.3153`, and the grayscale version is `45.3572, 0.3127, 0.3290`.

A 20% lighter version of the original color is `83.6043, 0.3209, 0.3403`, and `21.1539, 0.3252, 0.3454` is the 20% darker color. If you saturate the color by 10%, you get `43.6777, 0.3382, 0.3632`, and if you desaturate by 10%, it is `47.4264, 0.3078, 0.3222`.

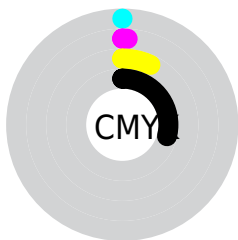
Distribution



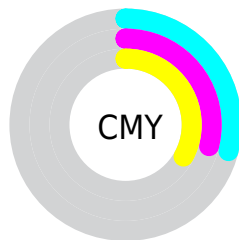
- Red (71%)
- Green (71%)
- Blue (67%)



- Red (67%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.4899, 0.3225, 0.3423 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 45.4899, 0.3225, 0.3423 by changing the saturation by 10% instead.

■ 45.4899, 0.3225,
0.3423

■ 45.4899, 0.3225,
0.3423

368.7541, 0.3176,
0.3356

■ 31.8435, 0.3237,
0.3440

■ 83.4551, 0.3207,
0.3399

■ 21.2420, 0.3253,
0.3462

108.5426, 0.3200,
0.3389

■ 13.3010, 0.3274,
0.3491

138.2126, 0.3195,
0.3382

■ 7.6361, 0.3304,
0.3532

172.8496, 0.3190,
0.3375

■ 3.8630, 0.3349,
0.3594

212.8378, 0.3186,
0.3369

■ 1.5972, 0.3423,
0.3700

258.5617, 0.3182,

■ 0.3557, 0.4567,

0.3364

0.5230

310.4056, 0.3179,
0.3360

0.0000, 0.0000,
0.0000

45.4899, 0.3225,
0.3423

45.4899, 0.3225,
0.3423

43.6777, 0.3382,
0.3632

47.4264, 0.3078,
0.3222

41.9799, 0.3547,
0.3845

49.4852, 0.2942,
0.3033

40.3942, 0.3716,
0.4056

51.6718, 0.2818,
0.2857

38.9158, 0.3883,
0.4257

53.9897, 0.2706,
0.2694

37.5398, 0.4044,
0.4438

56.0520, 0.2638,
0.2604

■ 36.2607, 0.4190,
0.4589

■ 57.3773, 0.2641,
0.2638

■ 35.0721, 0.4316,
0.4702

■ 58.7286, 0.2645,
0.2673

■ 33.9669, 0.4415,
0.4772

■ 60.1061, 0.2649,
0.2707

■ 32.9354, 0.4487,
0.4797

■ 61.5097, 0.2652,
0.2742

Harmonies

Analogous

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



45.4899, 0.3270, 0.3395



45.4899, 0.3225, 0.3423



45.4899, 0.3154, 0.3415

Triad

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



45.4899, 0.3225, 0.3423



45.4899, 0.2981, 0.3238



45.4899, 0.3177, 0.3211

Complementary

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



45.4899, 0.3225, 0.3423



41.3946, 0.3028, 0.3153

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.



45.4899, 0.3099, 0.3169



45.4899, 0.3225, 0.3423



45.4899, 0.2986, 0.3184

Square

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



45.4899, 0.3225, 0.3423



45.4899, 0.3014, 0.3307



45.4899, 0.3029, 0.3159



45.4899, 0.3242, 0.3273

Rectangle

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



45.4899, 0.3225, 0.3423



45.4899, 0.3102, 0.3389



45.4899, 0.3029, 0.3159



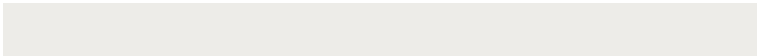
45.4899, 0.3151, 0.3194

Sweetspot

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



45.4919, 0.3225, 0.3423



84.0926, 0.3157, 0.3331



41.6628, 0.3219, 0.3264



18.5816, 0.3155, 0.3329



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.



45.4919, 0.3225, 0.3423



81.9986, 0.3249, 0.3455



45.7979, 0.3188, 0.3450



10.2500, 0.3268, 0.3480



23.1117, 0.4505, 0.4805



0.8815, 0.4412, 0.4879

Inverse Universe

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



41.3946, 0.3028, 0.3153



72.8947, 0.3004, 0.3119



41.1172, 0.3064, 0.3129



8.9472, 0.2984, 0.3092



3.0841, 0.1543, 0.0754



0.1823, 0.1657, 0.1165

Previews

White Background



This preview shows how the Yxy color 45.4899, 0.3225, 0.3423 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 45.4899, 0.3225, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

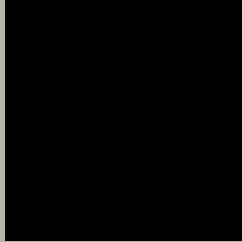
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

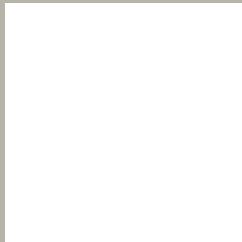
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.4899, 0.3225, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 45.4899, 0.3225, 0.3423.

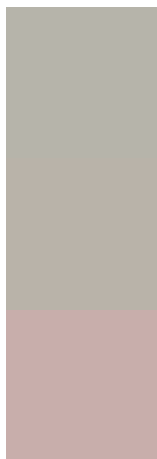


This preview shows how white text looks on a background with the Yxy color 45.4899, 0.3225, 0.3423.

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

45.4899, 0.3225, 0.3423

Protanopia

45.4191, 0.3261, 0.3422

Deuteranopia

45.4917, 0.3388, 0.3329



Tritanopia

45.5202, 0.3084, 0.3110

Trichromacy



Original Color

45.4899, 0.3225, 0.3423

Protanomaly

45.2951, 0.3253, 0.3422

Deuteranomaly

45.3284, 0.3321, 0.3355

Tritanomaly

45.4500, 0.3139, 0.3225

Monochromacy



Original Color

45.4899, 0.3225, 0.3423

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.0781, 0.3160, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4899, 0.3225, 0.3423 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, 180, 170)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 180, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 180, 170) }
```

Border

The CSS property to change the border of an element to Yxy 45.4899, 0.3225, 0.3423 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, 180, 170) }
```

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

```
.border{ border-color:rgb(182, 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(182, 180, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 180, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 180, 170);  
box-shadow:4px 4px 4px 4px rgb(182, 180,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4899, 0.3225, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 180, 170) }
```

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

```
.background{ background-color: rgb(182,  
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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