

Converting Colors

$Yxy(45.3471, 0.3451, 0.3623)$

Have a look what the booklet for
Yxy(45.3471, 0.3451, 0.3623)
contains.

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Color

Yxy(45.2171, 0.3453, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	BFB299
RGB	191, 178, 153
RGB Percent	75%, 70%, 60%
CMY	0.2511, 0.3019, 0.3999
CMYK	0.00, 0.07, 0.20, 0.25
HSL	39°, 23%, 67%
HSV	39°, 20%, 75%
XYZ	43.1550, 45.2171, 36.6061
YIQ	179.0370, 15.7730, -5.0190

Conversions

Conversions Part 2

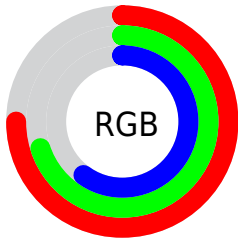
Format	Color
RYB	173, 191, 153
Decimal	12563097
CIELab	73.03, 0.53, 14.44
CIELCh	73, 14.449, 87.908
Yxy	45.2171, 0.3453, 0.3618
Android (android.graphics.Color)	4290753177 (0xFFBFB299)
YUV	179.0370, -12.8362, 10.4916
Hunter-Lab	67.2437, -3.1205, 14.7943

Details

The Yxy color $45.2171, 0.3453, 0.3618$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $37.8135, 0.2812, 0.2939$, and the grayscale version is $45.1646, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.3071, 0.3398, 0.3566$, and $20.9449, 0.3545, 0.3704$ is the 20% darker color. If you saturate the color by 10%, you get $42.1002, 0.3641, 0.3791$, and if you desaturate by 10%, it is $48.5627, 0.3281, 0.3449$.

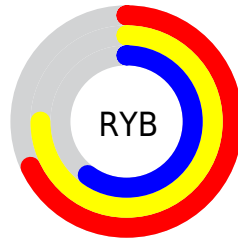
Distribution



Red (75%)

Green (70%)

Blue (60%)



Red (68%)

Yellow (75%)

Blue (60%)

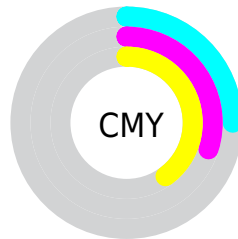


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (25%)



Cyan (25%)


Magenta (30%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2171, 0.3453, 0.3618 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 45.2171, 0.3453, 0.3618 by changing the saturation by 10% instead.

 45.2171, 0.3453,
0.3618

 45.2171, 0.3453,
0.3618


367.6521, 0.3289,
0.3454

 31.6285, 0.3494,
0.3659


 83.0461, 0.3393,
0.3558

 21.0779, 0.3547,
0.3712


 108.0552, 0.3371,
0.3536

 13.1809, 0.3617,
0.3782


137.6400, 0.3352,
0.3517

 7.5533, 0.3714,
0.3878

172.1848, 0.3336,
0.3501

 3.8104, 0.3858,
0.4021

212.0740, 0.3322,
0.3487

 1.5681, 0.4148,
0.4309

257.6921, 0.3310,

 0.3360, 0.4972,

0.3474

0.5028

309.4233, 0.3299,
0.3463

0.0000, 0.0000,
0.0000

45.2171, 0.3453,
0.3618

45.2171, 0.3453,
0.3618

42.1002, 0.3641,
0.3791

48.5627, 0.3281,
0.3449

39.1996, 0.3842,
0.3962

52.1373, 0.3125,
0.3288

36.5103, 0.4052,
0.4123

55.9485, 0.2985,
0.3136

34.0248, 0.4264,
0.4265

60.0020, 0.2861,
0.2995

31.7351, 0.4470,
0.4377

64.3032, 0.2750,
0.2865

■ 29.6322, 0.4659,
0.4447

■ 68.0169, 0.2720,
0.2873

■ 27.7055, 0.4821,
0.4468

■ 71.4542, 0.2726,
0.2947

■ 25.9368, 0.4956,
0.4446

■ 75.0262, 0.2733,
0.3020

■ 25.9142, 0.4958,
0.4445

■ 78.7344, 0.2739,
0.3092

Harmonies

Analogous

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



45.2171, 0.3530, 0.3500



45.2171, 0.3453, 0.3618



45.2171, 0.3288, 0.3649

Triad

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



45.2171, 0.3453, 0.3618



45.2171, 0.2772, 0.3228



45.2171, 0.3160, 0.3026

Complementary

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



45.2171, 0.3453, 0.3618



37.8135, 0.2812, 0.2939

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.



45.2171, 0.2959, 0.2954



45.2171, 0.3453, 0.3618



45.2171, 0.2740, 0.3063

Square

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



45.2171, 0.3453, 0.3618



45.2171, 0.2896, 0.3419



45.2171, 0.2807, 0.2965



45.2171, 0.3358, 0.3163

Rectangle

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



45.2171, 0.3453, 0.3618



45.2171, 0.3153, 0.3612



45.2171, 0.2807, 0.2965



45.2171, 0.3090, 0.2993

Sweetspot

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



45.2191, 0.3453, 0.3618



89.3614, 0.3220, 0.3387



36.6338, 0.3383, 0.3114



19.5310, 0.3231, 0.3398



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



45.2191, 0.3453, 0.3618



78.4348, 0.3536, 0.3696



49.9052, 0.3373, 0.3786



10.5561, 0.3272, 0.3441



17.1884, 0.4945, 0.4456



0.7903, 0.4722, 0.4632

Inverse Universe

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



37.8135, 0.2812, 0.2939



62.6769, 0.2735, 0.2848



33.8990, 0.2851, 0.2758



9.7444, 0.2984, 0.3135



5.1158, 0.1645, 0.1122



0.3240, 0.1785, 0.1626

Previews

White Background



This preview shows how the Yxy color 45.2171, 0.3453, 0.3618 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 45.2171, 0.3453, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

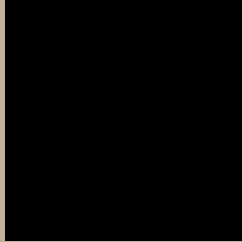
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2171, 0.3453, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 45.2171, 0.3453, 0.3618.



This preview shows how white text looks on a background with the Yxy color 45.2171, 0.3453, 0.3618.

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

45.2171, 0.3453, 0.3618

Protanopia

45.2315, 0.3423, 0.3634

Deuteranopia

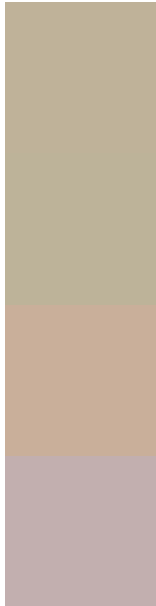
45.3420, 0.3599, 0.3530



Tritanopia

45.0771, 0.3207, 0.3114

Trichromacy



Original Color

45.2171, 0.3453, 0.3618

Protanomaly

45.3589, 0.3433, 0.3633

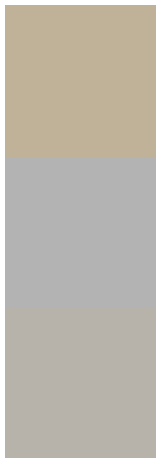
Deuteranomaly

45.4105, 0.3546, 0.3558

Tritanomaly

45.2244, 0.3297, 0.3291

Monochromacy



Original Color

45.2171, 0.3453, 0.3618

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.2098, 0.3235, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2171, 0.3453, 0.3618 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(191, 178, 153)` looks like.

```
.text, #text, p{  
    color:rgb(191, 178, 153)  
}
```

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(191, 178, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 178, 153) }
```

Border

The CSS property to change the border of an element to Yxy 45.2171, 0.3453, 0.3618 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(191, 178, 153) }
```

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

```
.border{ border-color:rgb(191, 178, 153) }
```

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

Here you see how a box with a 4 pixel rgb(191, 178, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 178, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 178, 153);  
box-shadow:4px 4px 4px 4px rgb(191, 178,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2171, 0.3453, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 178, 153) }
```

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

```
.background{ background-color: rgb(191,  
178, 153) }
```

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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