

Converting Colors

$Yxy(45.5917, 0.3350, 0.3529)$

Have a look what the booklet for
Yxy(45.5917, 0.3350, 0.3529)
contains.

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Color

Yxy(45.5048, 0.3356, 0.3527)

Conversions

Conversions Part 1

Format	Color
Hex	BCB3A1
RGB	188, 179, 161
RGB Percent	74%, 70%, 63%
CMY	0.2626, 0.2981, 0.3687
CMYK	0.00, 0.05, 0.14, 0.26
HSL	40°, 17%, 68%
HSV	40°, 14%, 74%
XYZ	43.2986, 45.5048, 40.2150
YIQ	179.6390, 11.1420, -3.6900

Conversions

Conversions Part 2

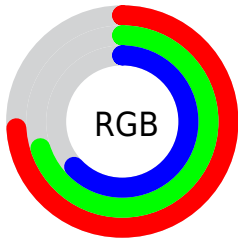
Format	Color
RYB	175, 188, 161
Decimal	12366753
CIELab	73.22, 0.14, 10.34
CIELCh	73, 10.338, 89.218
Yxy	45.5048, 0.3356, 0.3527
Android (android.graphics.Color)	4290556833 (0xFFBCB3A1)
YUV	179.6390, -9.1890, 7.3326
Hunter-Lab	67.4572, -3.4769, 11.8740

Details

The Yxy color **45.5048, 0.3356, 0.3527** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.9725, 0.2903, 0.3041**, and the grayscale version is **45.4871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.6076, 0.3310, 0.3485**, and **21.1767, 0.3433, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **42.4289, 0.3534, 0.3700**, and if you desaturate by 10%, it is **48.7995, 0.3193, 0.3360**.

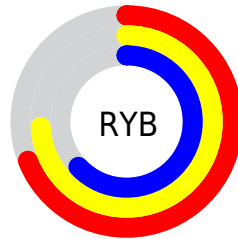
Distribution



Red (74%)

Green (70%)

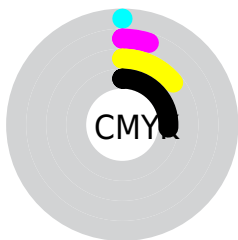
Blue (63%)



Red (69%)

Yellow (74%)

Blue (63%)

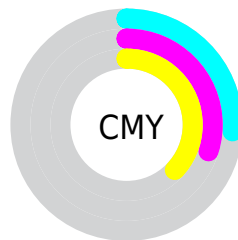


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (26%)



Cyan (26%)


Magenta (30%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5048, 0.3356, 0.3527 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 45.5048, 0.3356, 0.3527 by changing the saturation by 10% instead.


 45.5048, 0.3356,
0.3527

 45.5048, 0.3356,
0.3527


368.8142, 0.3241,
0.3408

 31.8552, 0.3385,
0.3557


 83.4774, 0.3314,
0.3484

 21.2509, 0.3422,
0.3595


 108.5692, 0.3298,
0.3467

 13.3076, 0.3471,
0.3646

138.2439, 0.3285,
0.3454

 7.6407, 0.3541,
0.3718

172.8859, 0.3274,
0.3442

 3.8659, 0.3644,
0.3824

212.8795, 0.3264,
0.3432

 1.5988, 0.3817,
0.4002

258.6091, 0.3255,

 0.3568, 0.4898,

0.3423

0.5102

310.4592, 0.3248,
0.3415

0.0000, 0.0000,
0.0000

45.5048, 0.3356,
0.3527

45.5048, 0.3356,
0.3527

42.4289, 0.3534,
0.3700

48.7995, 0.3193,
0.3360

39.5597, 0.3727,
0.3874

52.3126, 0.3047,
0.3203

36.8931, 0.3931,
0.4043

56.0515, 0.2915,
0.3055

34.4222, 0.4141,
0.4199

60.0214, 0.2799,
0.2919

32.1396, 0.4349,
0.4330

64.2263, 0.2695,
0.2793

■ 30.0374, 0.4545,
0.4426

■ 67.4017, 0.2701,
0.2866

■ 28.1065, 0.4720,
0.4476

■ 70.7005, 0.2708,
0.2937

■ 26.3362, 0.4864,
0.4477

■ 74.1242, 0.2715,
0.3008

■ 25.4014, 0.4937,
0.4462

■ 77.6740, 0.2722,
0.3078

Harmonies

Analogous

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



45.5048, 0.3413, 0.3447



45.5048, 0.3356, 0.3527



45.5048, 0.3237, 0.3544

Triad

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



45.5048, 0.3356, 0.3527



45.5048, 0.2869, 0.3242



45.5048, 0.3158, 0.3103

Complementary

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



45.5048, 0.3356, 0.3527



39.9725, 0.2903, 0.3041

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.



45.5048, 0.3013, 0.3049



45.5048, 0.3356, 0.3527



45.5048, 0.2849, 0.3125

Square

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



45.5048, 0.3356, 0.3527



45.5048, 0.2957, 0.3376



45.5048, 0.2901, 0.3055



45.5048, 0.3298, 0.3204

Rectangle

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



45.5048, 0.3356, 0.3527



45.5048, 0.3141, 0.3515



45.5048, 0.2901, 0.3055



45.5048, 0.3108, 0.3079

Sweetspot

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



45.5068, 0.3356, 0.3527



88.5970, 0.3188, 0.3355



39.1029, 0.3302, 0.3165



18.9524, 0.3200, 0.3367



95.5105, 0.3127, 0.3290



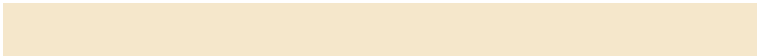
19.5994, 0.3127, 0.3290

Same Dimension

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



45.5068, 0.3356, 0.3527



80.7826, 0.3406, 0.3577



48.7444, 0.3304, 0.3645



10.5682, 0.3272, 0.3442



17.4279, 0.4925, 0.4472



0.7985, 0.4709, 0.4643

Inverse Universe

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



39.9725, 0.2903, 0.3041



68.9813, 0.2856, 0.2986



37.1240, 0.2935, 0.2917



9.7328, 0.2984, 0.3133



5.0071, 0.1640, 0.1102



0.3190, 0.1780, 0.1608

Previews

White Background



This preview shows how the Yxy color 45.5048, 0.3356, 0.3527 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 45.5048, 0.3356, 0.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

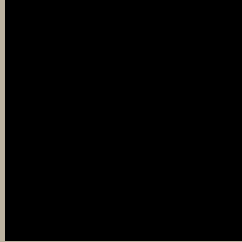
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

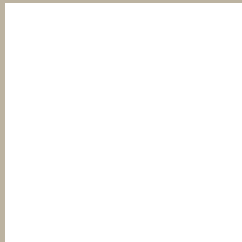
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.5048, 0.3356, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 45.5048, 0.3356, 0.3527.

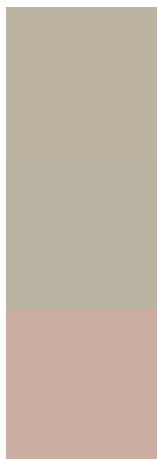


This preview shows how white text looks on a background with the Yxy color 45.5048, 0.3356, 0.3527.

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

45.5048, 0.3356, 0.3527

Protanopia

45.3782, 0.3346, 0.3528

Deuteranopia

45.3331, 0.3508, 0.3429



Tritanopia

45.5405, 0.3162, 0.3113

Trichromacy



Original Color

45.5048, 0.3356, 0.3527

Protanomaly

45.3782, 0.3346, 0.3528

Deuteranomaly

45.2743, 0.3447, 0.3457

Tritanomaly

45.3817, 0.3235, 0.3252

Monochromacy



Original Color

45.5048, 0.3356, 0.3527

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.7269, 0.3210, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5048, 0.3356, 0.3527 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(188, 179, 161)` looks like.

```
.text, #text, p{  
    color:rgb(188, 179, 161)  
}
```

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(188, 179, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 179, 161) }
```

Border

The CSS property to change the border of an element to Yxy 45.5048, 0.3356, 0.3527 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(188, 179, 161) }
```

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

```
.border{ border-color:rgb(188, 179, 161) }
```

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

Here you see how a box with a 4 pixel rgb(188, 179, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 179, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 179, 161);  
box-shadow:4px 4px 4px 4px rgb(188, 179,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5048, 0.3356, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 179, 161) }
```

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

```
.background{ background-color: rgb(188,  
179, 161) }
```

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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