

Converting Colors

$Yxy(45.5047, 0.3395, 0.3517)$

Have a look what the booklet for
Yxy(45.5047, 0.3395, 0.3517)
contains.

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Color

Yxy(45.5853, 0.3403, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	C0B2A0
RGB	192, 178, 160
RGB Percent	75%, 70%, 63%
CMY	0.2469, 0.3020, 0.3726
CMYK	0.00, 0.07, 0.17, 0.25
HSL	34°, 20%, 69%
HSV	34°, 17%, 75%
XYZ	44.0076, 45.5853, 39.7271
YIQ	180.1340, 14.1220, -2.6300

Conversions

Conversions Part 2

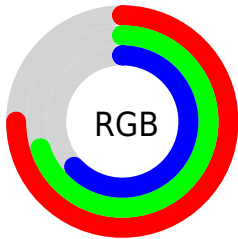
Format	Color
RYB	185, 192, 160
Decimal	12628640
CIELab	73.28, 2.00, 11.01
CIELCh	73, 11.191, 79.689
Yxy	45.5853, 0.3403, 0.3525
Android (android.graphics.Color)	4290818720 (0xFFC0B2A0)
YUV	180.1340, -9.9261, 10.4065
Hunter-Lab	67.5169, -1.8080, 12.3754

Details

The Yxy color $45.5853, 0.3403, 0.3525$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.5550, 0.2867, 0.3043$, and the grayscale version is $45.7682, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.8917, 0.3353, 0.3483$, and $21.1746, 0.3474, 0.3576$ is the 20% darker color. If you saturate the color by 10%, you get $41.7227, 0.3596, 0.3674$, and if you desaturate by 10%, it is $49.7609, 0.3231, 0.3382$.

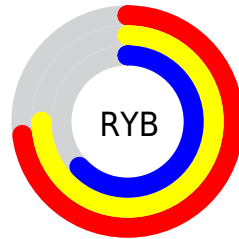
Distribution



Red (75%)

Green (70%)

Blue (63%)



Red (73%)

Yellow (75%)

Blue (63%)

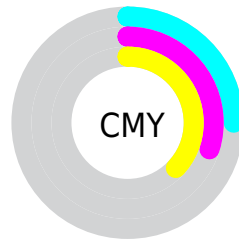


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (30%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5853, 0.3403, 0.3525 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 45.5853, 0.3403, 0.3525 by changing the saturation by 10% instead.


 45.5853, 0.3403,
0.3525


 45.5853, 0.3403,
0.3525

369.1389, 0.3264,
0.3408

 31.9187, 0.3438,
0.3554


 83.5980, 0.3352,
0.3482

 21.2994, 0.3483,
0.3592


 108.7129, 0.3333,
0.3466

 13.3430, 0.3543,
0.3641


138.4127, 0.3317,
0.3453

 7.6652, 0.3627,
0.3710

173.0818, 0.3304,
0.3441

 3.8815, 0.3752,
0.3811

213.1046, 0.3292,
0.3431

 1.6075, 0.3965,
0.3979

258.8654, 0.3282,

 0.3626, 0.5205,

0.3422

0.4795

310.7487, 0.3272,
0.3415

0.0000, 0.0000,
0.0000

45.5853, 0.3403,
0.3525

45.5853, 0.3403,
0.3525

41.7227, 0.3596,
0.3674

49.7609, 0.3231,
0.3382

38.1585, 0.3808,
0.3823

54.2513, 0.3079,
0.3246

34.8859, 0.4039,
0.3967

59.0662, 0.2945,
0.3120

31.8956, 0.4283,
0.4097

64.2130, 0.2827,
0.3003

29.1773, 0.4530,
0.4200

69.6345, 0.2729,
0.2906

■ 26.7200, 0.4770,
0.4266

■ 74.1602, 0.2737,
0.3000

■ 24.5113, 0.4987,
0.4283

■ 78.9110, 0.2745,
0.3093

■ 22.5361, 0.5171,
0.4247

■ 83.8901, 0.2754,
0.3185

■ 21.9261, 0.5229,
0.4230

■ 89.1004, 0.2761,
0.3275

Harmonies

Analogous

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



45.5853, 0.3439, 0.3421



45.5853, 0.3403, 0.3525



45.5853, 0.3292, 0.3568

Triad

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



45.5853, 0.3403, 0.3525



45.5853, 0.2872, 0.3284



45.5853, 0.3109, 0.3063

Complementary

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



45.5853, 0.3403, 0.3525



41.5550, 0.2867, 0.3043

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.



45.5853, 0.2960, 0.3024



45.5853, 0.3403, 0.3525



45.5853, 0.2825, 0.3147

Square

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



45.5853, 0.3403, 0.3525



45.5853, 0.2986, 0.3427



45.5853, 0.2857, 0.3053



45.5853, 0.3267, 0.3158

Rectangle

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



45.5853, 0.3403, 0.3525



45.5853, 0.3192, 0.3553



45.5853, 0.2857, 0.3053



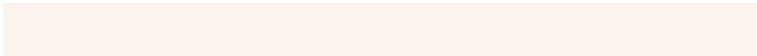
45.5853, 0.3056, 0.3043

Sweetspot

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



45.5873, 0.3403, 0.3525



91.4038, 0.3205, 0.3359



39.4165, 0.3305, 0.3102



19.4888, 0.3217, 0.3369



97.7402, 0.3127, 0.3290



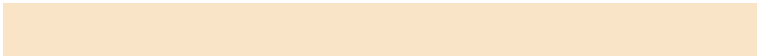
20.4902, 0.3127, 0.3290

Same Dimension

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



45.5873, 0.3403, 0.3525



79.9686, 0.3470, 0.3579



51.2516, 0.3361, 0.3701



10.9962, 0.3275, 0.3419



14.9063, 0.5212, 0.4243



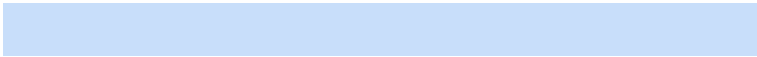
0.7793, 0.4926, 0.4471

Inverse Universe

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



41.5550, 0.2867, 0.3043



71.3016, 0.2808, 0.2983



36.5793, 0.2872, 0.2847



10.4573, 0.2984, 0.3157



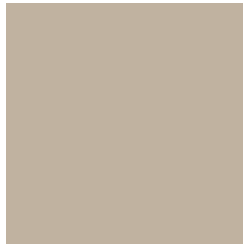
6.9832, 0.1721, 0.1395



0.4387, 0.1843, 0.1835

Previews

White Background



This preview shows how the Yxy color 45.5853, 0.3403, 0.3525 looks on a white background.

Color Contrast Check

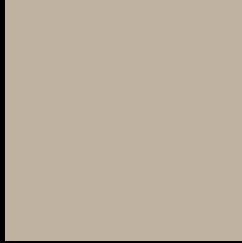
Large Text (above 18pt) WCAG AA × Fail

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 45.5853, 0.3403, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

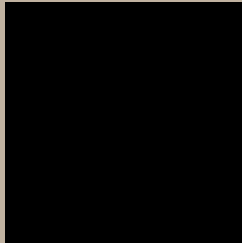
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

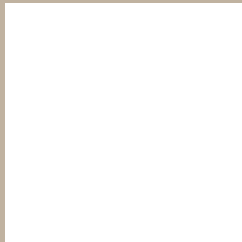
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.5853, 0.3403, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 45.5853, 0.3403, 0.3525.



This preview shows how white text looks on a background with the Yxy color 45.5853, 0.3403, 0.3525.

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

45.5853, 0.3403, 0.3525

Protanopia

45.5048, 0.3356, 0.3527

Deuteranopia

45.2977, 0.3517, 0.3442



Tritanopia

45.6387, 0.3206, 0.3115

Trichromacy



Original Color

45.5853, 0.3403, 0.3525

Protanomaly

45.6322, 0.3365, 0.3526

Deuteranomaly

45.5125, 0.3474, 0.3469

Tritanomaly

45.4764, 0.3281, 0.3252

Monochromacy



Original Color

45.5853, 0.3403, 0.3525

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.4477, 0.3220, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5853, 0.3403, 0.3525 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(192, 178, 160)` looks like.

```
.text, #text, p{  
    color:rgb(192, 178, 160)  
}
```

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(192, 178, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 178, 160) }
```

Border

The CSS property to change the border of an element to Yxy 45.5853, 0.3403, 0.3525 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(192, 178, 160) }
```

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

```
.border{ border-color:rgb(192, 178, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 178, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 178, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 178, 160);  
box-shadow:4px 4px 4px 4px rgb(192, 178,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5853, 0.3403, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 178, 160) }
```

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

```
.background{ background-color: rgb(192,  
178, 160) }
```

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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