

Converting Colors

Yxy(39.9629, 0.3478, 0.3500)

Have a look what the booklet for
Yxy(39.9629, 0.3478, 0.3500)
contains.

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Color

Yxy(40.1658, 0.3481, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	BCA696
RGB	188, 166, 150
RGB Percent	74%, 65%, 59%
CMY	0.2628, 0.3490, 0.4116
CMYK	0.00, 0.12, 0.20, 0.26
HSL	25°, 22%, 66%
HSV	25°, 20%, 74%
XYZ	39.8794, 40.1658, 34.5178
YIQ	170.7540, 18.2480, -0.3120

Conversions

Conversions Part 2

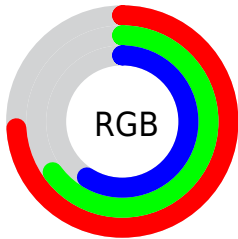
Format	Color
R_{YB}	188, 178, 150
Decimal	12363414
CIE _{Lab}	69.59, 5.41, 11.19
CIE _{LCh}	70, 12.430, 64.220
Yxy	40.1658, 0.3481, 0.3506
Android (android.graphics.Color)	4290553494 (0xFFBCA696)
YUV	170.7540, -10.2317, 15.1247
Hunter-Lab	63.3765, 1.4115, 12.0714

Details

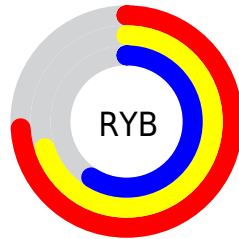
The Yxy color **40.1658, 0.3481, 0.3506** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.6258, 0.2815, 0.3064**, and the grayscale version is **40.6413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.4850, 0.3419, 0.3468**, and **18.0038, 0.3589, 0.3570** is the 20% darker color. If you saturate the color by 10%, you get **35.8177, 0.3698, 0.3620**, and if you desaturate by 10%, it is **44.9497, 0.3293, 0.3396**.

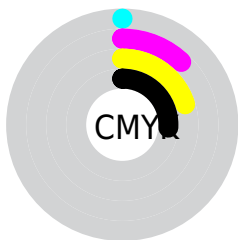
Distribution



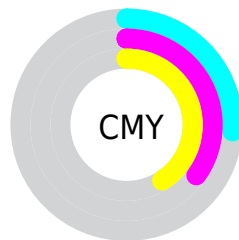
- Red (74%)
- Green (65%)
- Blue (59%)



- Red (74%)
- Yellow (70%)
- Blue (59%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (26%)





- Cyan (26%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1658, 0.3481, 0.3506 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 40.1658, 0.3481, 0.3506 by changing the saturation by 10% instead.


 40.1658, 0.3481,
0.3506

 40.1658, 0.3481,
0.3506


346.8219, 0.3299,
0.3397

 27.6678, 0.3528,
0.3533


 75.4159, 0.3414,
0.3466

 18.0754, 0.3590,
0.3568


 98.9369, 0.3389,
0.3452

 11.0041, 0.3674,
0.3615


126.9009, 0.3368,
0.3439

 6.0696, 0.3794,
0.3679

159.6925, 0.3350,
0.3428

 2.8875, 0.3980,
0.3774

197.6960, 0.3334,
0.3419

 1.0733, 0.4488,
0.4090

241.2958, 0.3321,

 0.0000, 1.0000,

0.3411

0.0000

290.8763, 0.3309,
0.3404

0.0000, 0.0000,
0.0000

40.1658, 0.3481,
0.3506

40.1658, 0.3481,
0.3506

35.8177, 0.3698,
0.3620

44.9497, 0.3293,
0.3396

31.8872, 0.3945,
0.3733

50.1762, 0.3130,
0.3292

28.3623, 0.4220,
0.3839

55.8590, 0.2990,
0.3195

25.2288, 0.4519,
0.3929

62.0092, 0.2870,
0.3106

22.4711, 0.4829,
0.3990

68.6379, 0.2766,
0.3024

■ 20.0725, 0.5133,
0.4010

■ 75.2412, 0.2717,
0.3031

■ 18.0146, 0.5408,
0.3978

■ 81.5368, 0.2728,
0.3151

■ 16.3000, 0.5639,
0.3905

■ 88.2183, 0.2740,
0.3269

■ 89.4295, 0.2741,
0.3289

Harmonies

Analogous

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



40.1658, 0.3471, 0.3363



40.1658, 0.3481, 0.3506



40.1658, 0.3393, 0.3597

Triad

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



40.1658, 0.3481, 0.3506



40.1658, 0.2891, 0.3370



40.1658, 0.3012, 0.2996

Complementary

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



40.1658, 0.3481, 0.3506



39.6258, 0.2815, 0.3064

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.



40.1658, 0.2863, 0.2990



40.1658, 0.3481, 0.3506



40.1658, 0.2795, 0.3201

Square

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



40.1658, 0.3481, 0.3506



40.1658, 0.3051, 0.3521



40.1658, 0.2785, 0.3063



40.1658, 0.3196, 0.3074

Rectangle

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



40.1658, 0.3481, 0.3506



40.1658, 0.3293, 0.3612



40.1658, 0.2785, 0.3063



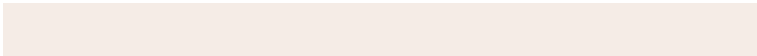
40.1658, 0.2957, 0.2985

Sweetspot

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



40.1676, 0.3481, 0.3506



85.2567, 0.3223, 0.3353



35.4974, 0.3300, 0.2995



18.2029, 0.3234, 0.3359



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.



40.1676, 0.3481, 0.3506



69.4023, 0.3569, 0.3554



47.5161, 0.3435, 0.3747



10.1786, 0.3278, 0.3387



11.2402, 0.5617, 0.3922



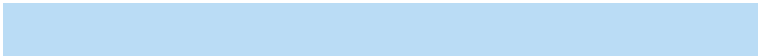
0.5699, 0.5195, 0.4257

Inverse Universe

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



39.6258, 0.2815, 0.3064



68.2483, 0.2749, 0.3011



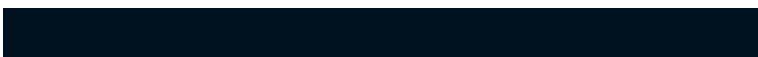
32.9634, 0.2798, 0.2788



10.1181, 0.2984, 0.3191



10.0487, 0.1852, 0.1867



0.5204, 0.1957, 0.2243

Previews

White Background



This preview shows how the Yxy color 40.1658, 0.3481, 0.3506 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 40.1658, 0.3481, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

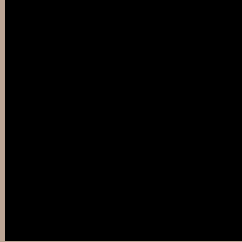
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1658, 0.3481, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 40.1658, 0.3481, 0.3506.



This preview shows how white text looks on a background with the Yxy color 40.1658, 0.3481, 0.3506.

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

40.1658, 0.3481, 0.3506

Protanopia

40.3636, 0.3348, 0.3540

Deuteranopia

40.2223, 0.3546, 0.3476



Tritanopia

40.0122, 0.3287, 0.3121

Trichromacy



Original Color

40.1658, 0.3481, 0.3506

Protanomaly

40.4341, 0.3397, 0.3538

Deuteranomaly

40.3187, 0.3523, 0.3491

Tritanomaly

39.8947, 0.3359, 0.3251

Monochromacy



Original Color

40.1658, 0.3481, 0.3506

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.3674, 0.3253, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1658, 0.3481, 0.3506 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, 166, 150)` looks like.

```
.text, #text, p{  
    color:rgb(188, 166, 150)  
}
```

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, 166, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 166, 150) }
```

Border

The CSS property to change the border of an element to Yxy 40.1658, 0.3481, 0.3506 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, 166, 150) }
```

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

```
.border{ border-color:rgb(188, 166, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 166, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 166, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 166, 150);  
box-shadow:4px 4px 4px 4px rgb(188, 166,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1658, 0.3481, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 166, 150) }
```

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

```
.background{ background-color: rgb(188,  
166, 150) }
```

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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