

Converting Colors

$Yxy(40.7494, 0.3449, 0.3650)$

Have a look what the booklet for
Yxy(40.7494, 0.3449, 0.3650)
contains.

Yxy(40.9632, 0.3455, 0.3662)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.9632, 0.3455, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	B5AB90
RGB	181, 171, 144
RGB Percent	71%, 67%, 56%
CMY	0.2903, 0.3294, 0.4353
CMYK	0.00, 0.06, 0.20, 0.29
HSL	44°, 20%, 64%
HSV	44°, 20%, 71%
XYZ	38.6477, 40.9632, 32.2493
YIQ	170.9120, 14.6270, -6.2770

Conversions

Conversions Part 2

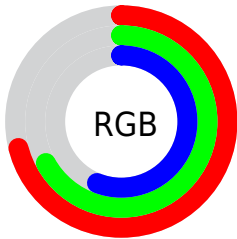
Format	Color
R _Y B	158, 181, 144
Decimal	11905936
CIE Lab	70.15, -0.91, 15.22
CIE LCh	70, 15.246, 93.435
Yxy	40.9632, 0.3455, 0.3662
Android (android.graphics.Color)	4290096016 (0xFFB5AB90)
YUV	170.9120, -13.2676, 8.8472
Hunter-Lab	64.0025, -4.2178, 14.9270

Details

The Yxy color **40.9632, 0.3455, 0.3662** is a light color, and the websafe version is hex **999966**. A complement of this color would be **32.3572, 0.2801, 0.2888**, and the grayscale version is **40.7395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4745, 0.3392, 0.3588**, and **18.5910, 0.3549, 0.3766** is the 20% darker color. If you saturate the color by 10%, you get **38.6477, 0.3634, 0.3851**, and if you desaturate by 10%, it is **43.4390, 0.3288, 0.3476**.

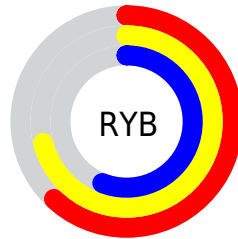
Distribution



Red (71%)

Green (67%)

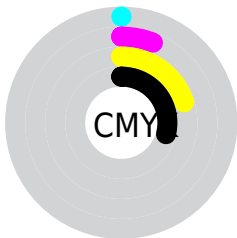
Blue (56%)



Red (62%)

Yellow (71%)

Blue (56%)

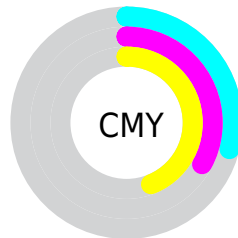


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (29%)



Cyan (29%)


Magenta (33%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9632, 0.3455, 0.3662 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 40.9632, 0.3455, 0.3662 by changing the saturation by 10% instead.

 40.9632, 0.3455,
0.3662


 40.9632, 0.3455,
0.3662


350.1668, 0.3288,
0.3472

 28.2903, 0.3497,
0.3711


 76.6280, 0.3394,
0.3592

 18.5446, 0.3552,
0.3774


 100.3888, 0.3371,
0.3566

 11.3417, 0.3626,
0.3859


128.6143, 0.3352,
0.3544

 6.2972, 0.3730,
0.3979

161.6889, 0.3335,
0.3525

 3.0266, 0.3885,
0.4160

199.9971, 0.3321,
0.3509

 1.1456, 0.4488,
0.4838

243.9232, 0.3309,

 0.0166, 0.0000,

0.3495

1.0000

293.8516, 0.3298,
0.3483

0.0000, 0.0000,
0.0000

40.9632, 0.3455,
0.3662

40.9632, 0.3455,
0.3662

38.6477, 0.3634,
0.3851

43.4390, 0.3288,
0.3476

36.4820, 0.3822,
0.4037

46.0743, 0.3134,
0.3298

34.4627, 0.4013,
0.4212

48.8752, 0.2994,
0.3129

32.5840, 0.4201,
0.4365

51.8459, 0.2867,
0.2972

30.8396, 0.4378,
0.4488

54.9905, 0.2754,
0.2827

■ 29.2225, 0.4534,
0.4569

■ 58.3128, 0.2652,
0.2693

■ 27.7244, 0.4663,
0.4604

■ 60.7658, 0.2645,
0.2725

■ 26.3878, 0.4764,
0.4599

■ 63.1359, 0.2651,
0.2782

■ 65.5794, 0.2657,
0.2839

Harmonies

Analogous

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



40.9632, 0.3560, 0.3547



40.9632, 0.3455, 0.3662



40.9632, 0.3263, 0.3677

Triad

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



40.9632, 0.3455, 0.3662



40.9632, 0.2726, 0.3184



40.9632, 0.3205, 0.3026

Complementary

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



40.9632, 0.3455, 0.3662



32.3572, 0.2801, 0.2888

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.



40.9632, 0.2981, 0.2933



40.9632, 0.3455, 0.3662



40.9632, 0.2711, 0.3016

Square

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



40.9632, 0.3455, 0.3662



40.9632, 0.2844, 0.3393



40.9632, 0.2803, 0.2927



40.9632, 0.3413, 0.3184

Rectangle

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



40.9632, 0.3455, 0.3662



40.9632, 0.3114, 0.3622



40.9632, 0.2803, 0.2927



40.9632, 0.3129, 0.2986

Sweetspot

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



40.9650, 0.3455, 0.3662



79.8344, 0.3219, 0.3398



32.1118, 0.3416, 0.3144



17.1905, 0.3229, 0.3409



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



40.9650, 0.3455, 0.3662



71.2882, 0.3543, 0.3756



43.9306, 0.3357, 0.3803



9.5118, 0.3270, 0.3456



18.3157, 0.4755, 0.4606



0.6665, 0.4567, 0.4756

Inverse Universe

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



32.3572, 0.2801, 0.2888



52.7866, 0.2715, 0.2776



29.9531, 0.2866, 0.2747



8.5902, 0.2985, 0.3119



3.8999, 0.1598, 0.0951



0.2214, 0.1756, 0.1523

Previews

White Background



This preview shows how the Yxy color 40.9632, 0.3455, 0.3662 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 40.9632, 0.3455, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

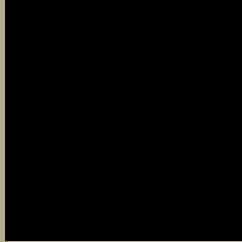
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

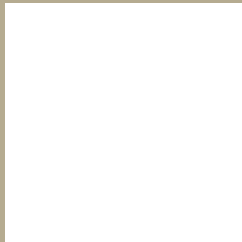
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9632, 0.3455, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 40.9632, 0.3455, 0.3662.



This preview shows how white text looks on a background with the Yxy color 40.9632, 0.3455, 0.3662.

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

40.9632, 0.3455, 0.3662

Protanopia

40.9632, 0.3455, 0.3662

Deuteranopia

40.8249, 0.3620, 0.3553



Tritanopia

40.9662, 0.3200, 0.3119

Trichromacy



Original Color

40.9632, 0.3455, 0.3662

Protanomaly

40.9632, 0.3455, 0.3662

Deuteranomaly

40.7581, 0.3555, 0.3585

Tritanomaly

40.9488, 0.3293, 0.3317

Monochromacy



Original Color

40.9632, 0.3455, 0.3662

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.8130, 0.3249, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9632, 0.3455, 0.3662 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(181, 171, 144)` looks like.

```
.text, #text, p{  
    color:rgb(181, 171, 144)  
}
```

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(181, 171, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 171, 144) }
```

Border

The CSS property to change the border of an element to Yxy 40.9632, 0.3455, 0.3662 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(181, 171, 144) }
```

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

```
.border{ border-color:rgb(181, 171, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 171, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 171, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 171, 144);  
box-shadow:4px 4px 4px 4px rgb(181, 171,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9632, 0.3455, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 171, 144) }
```

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

```
.background{ background-color: rgb(181,  
171, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor