

Converting Colors

$Yxy(41.9644, 0.3609, 0.3976)$

Have a look what the booklet for
Yxy(41.9644, 0.3609, 0.3976)
contains.

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Color

Yxy(41.9644, 0.3609, 0.3976)

Conversions

Conversions Part 1

Format	Color
Hex	B5AF7D
RGB	181, 175, 125
RGB Percent	71%, 69%, 49%
CMY	0.2901, 0.3137, 0.5099
CMYK	0.00, 0.03, 0.31, 0.29
HSL	54°, 27%, 60%
HSV	54°, 31%, 71%
XYZ	38.0909, 41.9644, 25.4889
YIQ	171.0940, 19.6260, -14.2780

Conversions

Conversions Part 2

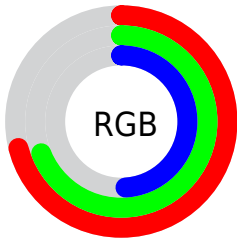
Format	Color
RYB	132, 181, 125
Decimal	11906941
CIELab	70.85, -5.70, 26.47
CIELCh	71, 27.081, 102.155
Yxy	41.9644, 0.3609, 0.3976
Android (android.graphics.Color)	4290097021 (0xFFB5AF7D)
YUV	171.0940, -22.7243, 8.6876
Hunter-Lab	64.7799, -8.4060, 22.0171

Details

The Yxy color **41.9644, 0.3609, 0.3976** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.9314, 0.2599, 0.2496**, and the grayscale version is **40.8851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8125, 0.3520, 0.3843**, and **19.1859, 0.3739, 0.4194** is the 20% darker color. If you saturate the color by 10%, you get **40.7929, 0.3769, 0.4194**, and if you desaturate by 10%, it is **43.2349, 0.3448, 0.3752**.

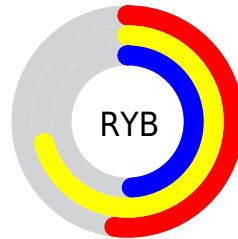
Distribution



Red (71%)

Green (69%)

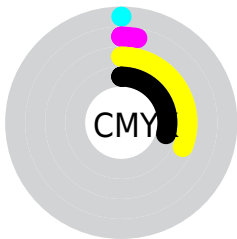
Blue (49%)



Red (52%)

Yellow (71%)

Blue (49%)

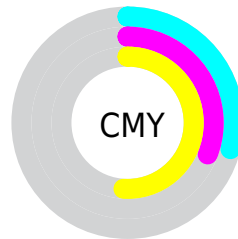


Cyan (0%)

Magenta (3%)

Yellow (31%)

Black (29%)



Cyan (29%)


Magenta (31%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9644, 0.3609, 0.3976 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 41.9644, 0.3609, 0.3976 by changing the saturation by 10% instead.


 41.9644, 0.3609,
0.3976

 41.9644, 0.3609,
0.3976


354.3353, 0.3369,
0.3625


 29.0734, 0.3667,
0.4065


 78.1457, 0.3523,
0.3847

 19.1364, 0.3741,
0.4179


 102.2049, 0.3490,
0.3799

 11.7689, 0.3836,
0.4331


 130.7556, 0.3462,
0.3759

 6.5865, 0.3959,
0.4539

164.1821, 0.3438,
0.3724

 3.2049, 0.4138,
0.4858

202.8690, 0.3417,
0.3694

 1.2396, 0.4496,
0.5504

247.2006, 0.3399,

 0.0937, 0.0000,

0.3668

1.0000

297.5612, 0.3383,
0.3646

0.0000, 0.0000,
0.0000

41.9644, 0.3609,
0.3976

41.9644, 0.3609,
0.3976

40.7929, 0.3769,
0.4194

43.2349, 0.3448,
0.3752

39.7101, 0.3922,
0.4395

44.6031, 0.3291,
0.3528

38.7129, 0.4063,
0.4571


46.0747, 0.3141,
0.3310

37.7956, 0.4184,
0.4713


47.6537, 0.3000,
0.3103


36.9517, 0.4281,
0.4814


49.3434, 0.2870,
0.2909

 36.1738, 0.4351,
0.4871

 51.1474, 0.2751,
0.2729

 35.5129, 0.4395,
0.4892

 53.0688, 0.2643,
0.2564

 54.1202, 0.2626,
0.2554

 54.9722, 0.2629,
0.2577

Harmonies

Analogous

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



41.9644, 0.3856, 0.3798



41.9644, 0.3609, 0.3976



41.9644, 0.3241, 0.3959

Triad

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



41.9644, 0.3609, 0.3976



41.9644, 0.2411, 0.2993



41.9644, 0.3373, 0.2906

Complementary

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



41.9644, 0.3609, 0.3976



23.9314, 0.2599, 0.2496

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.



41.9644, 0.2974, 0.2715



41.9644, 0.3609, 0.3976



41.9644, 0.2440, 0.2746

Square

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



41.9644, 0.3609, 0.3976



41.9644, 0.2559, 0.3355



41.9644, 0.2639, 0.2653



41.9644, 0.3721, 0.3189

Rectangle

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



41.9644, 0.3609, 0.3976



41.9644, 0.2981, 0.3824



41.9644, 0.2639, 0.2653



41.9644, 0.3240, 0.2830

Sweetspot

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



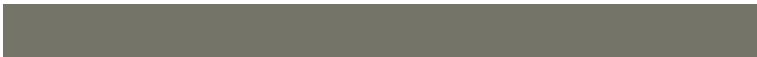
41.9663, 0.3609, 0.3976



80.3222, 0.3263, 0.3488



26.1431, 0.3733, 0.3197



17.2810, 0.3285, 0.3520



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.



41.9663, 0.3609, 0.3976



73.7212, 0.3716, 0.4122



41.9640, 0.3387, 0.4103



9.7475, 0.3266, 0.3491



24.5362, 0.4392, 0.4894



0.8163, 0.4330, 0.4944

Inverse Universe

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



23.9314, 0.2599, 0.2496



36.4102, 0.2467, 0.2292



24.1546, 0.2797, 0.2447



8.3724, 0.2985, 0.3080



2.6839, 0.1525, 0.0689



0.1319, 0.1614, 0.1010

Previews

White Background



This preview shows how the Yxy color 41.9644, 0.3609, 0.3976 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 41.9644, 0.3609, 0.3976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

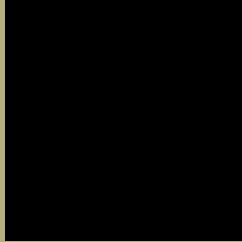
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9644, 0.3609, 0.3976

Background



This preview shows how black text looks on a background with the Yxy color 41.9644, 0.3609, 0.3976.



This preview shows how white text looks on a background with the Yxy color 41.9644, 0.3609, 0.3976.

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

41.9644, 0.3609, 0.3976

Protanopia

41.9072, 0.3684, 0.3951

Deuteranopia

41.7839, 0.3865, 0.3787



Tritanopia

42.0328, 0.3199, 0.3121

Trichromacy



Original Color

41.9644, 0.3609, 0.3976

Protanomaly

42.0416, 0.3660, 0.3968

Deuteranomaly

41.6181, 0.3772, 0.3855

Tritanomaly

42.0133, 0.3342, 0.3425

Monochromacy



Original Color

41.9644, 0.3609, 0.3976

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.9521, 0.3308, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9644, 0.3609, 0.3976 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, 175, 125)` looks like.

```
.text, #text, p{  
    color:rgb(181, 175, 125)  
}
```

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, 175, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 175, 125) }
```

Border

The CSS property to change the border of an element to Yxy 41.9644, 0.3609, 0.3976 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, 175, 125) }
```

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

```
.border{ border-color:rgb(181, 175, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 175, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 175, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 175, 125);  
box-shadow:4px 4px 4px 4px rgb(181, 175,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9644, 0.3609, 0.3976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 175, 125) }
```

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

```
.background{ background-color: rgb(181,  
175, 125) }
```

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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