

Converting Colors

$Yxy(41.7985, 0.3564, 0.3951)$

Have a look what the booklet for
Yxy(41.7985, 0.3564, 0.3951)
contains.

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Color

Yxy(41.7760, 0.3572, 0.3953)

Conversions

Conversions Part 1

Format	Color
Hex	B3AF7F
RGB	179, 175, 127
RGB Percent	70%, 69%, 50%
CMY	0.2981, 0.3137, 0.5019
CMYK	0.00, 0.02, 0.29, 0.30
HSL	55°, 25%, 60%
HSV	55°, 29%, 70%
XYZ	37.7495, 41.7760, 26.1562
YIQ	170.7240, 17.7920, -14.0800

Conversions

Conversions Part 2

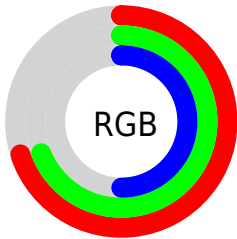
Format	Color
RYB	131, 179, 127
Decimal	11775871
CIELab	70.72, -6.25, 25.18
CIELCh	71, 25.946, 103.929
Yxy	41.7760, 0.3572, 0.3953
Android (android.graphics.Color)	4289965951 (0xFFB3AF7F)
YUV	170.7240, -21.5559, 7.2581
Hunter-Lab	64.6344, -8.8577, 21.2506

Details

The Yxy color **41.7760, 0.3572, 0.3953** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.9975, 0.2633, 0.2527**, and the grayscale version is **40.6830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5511, 0.3492, 0.3825**, and **19.1374, 0.3703, 0.4162** is the 20% darker color. If you saturate the color by 10%, you get **40.8210, 0.3728, 0.4178**, and if you desaturate by 10%, it is **42.8231, 0.3415, 0.3722**.

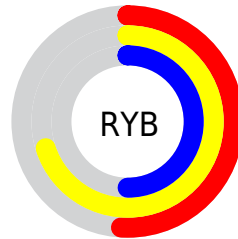
Distribution



Red (70%)

Green (69%)

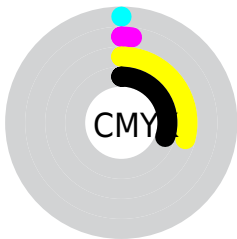
Blue (50%)



Red (51%)

Yellow (70%)

Blue (50%)

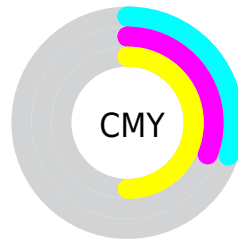


Cyan (0%)

Magenta (2%)

Yellow (29%)

Black (30%)



Cyan (30%)


Magenta (31%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7760, 0.3572, 0.3953 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 41.7760, 0.3572, 0.3953 by changing the saturation by 10% instead.


 41.7760, 0.3572,
0.3953


 41.7760, 0.3572,
0.3953


353.5535, 0.3350,
0.3613


 28.9259, 0.3626,
0.4040


 77.8605, 0.3492,
0.3828

 19.0248, 0.3694,
0.4152


 101.8637, 0.3462,
0.3781

 11.6882, 0.3782,
0.4301


 130.3534, 0.3436,
0.3742

 6.5317, 0.3898,
0.4508

163.7141, 0.3414,
0.3709

 3.1710, 0.4060,
0.4820

202.3300, 0.3395,
0.3680

 1.2217, 0.4457,
0.5543

246.5856, 0.3378,

 0.0793, 0.0000,

0.3655

1.0000

296.8653, 0.3363,
0.3633

0.0000, 0.0000,
0.0000

41.7760, 0.3572,
0.3953

41.7760, 0.3572,
0.3953

40.8210, 0.3728,
0.4178

42.8231, 0.3415,
0.3722

39.9481, 0.3876,
0.4388

43.9607, 0.3261,
0.3492

39.1543, 0.4012,
0.4574

45.1945, 0.3113,
0.3269

38.4342, 0.4128,
0.4726

46.5281, 0.2975,
0.3057

37.7819, 0.4221,
0.4838

47.9649, 0.2846,
0.2859

■ 37.1903, 0.4287,
0.4907

■ 49.5081, 0.2728,
0.2676

■ 36.6462, 0.4330,
0.4939

■ 51.1609, 0.2621,
0.2507

■ 36.5948, 0.4333,
0.4941

■ 51.9079, 0.2607,
0.2497

■ 52.4880, 0.2609,
0.2513

Harmonies

Analogous

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



41.7760, 0.3817, 0.3793



41.7760, 0.3572, 0.3953



41.7760, 0.3215, 0.3923

Triad

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



41.7760, 0.3572, 0.3953



41.7760, 0.2435, 0.2988



41.7760, 0.3386, 0.2935

Complementary

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



41.7760, 0.3572, 0.3953



23.9975, 0.2633, 0.2527

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.



41.7760, 0.3003, 0.2744



41.7760, 0.3572, 0.3953



41.7760, 0.2473, 0.2758

Square

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



41.7760, 0.3572, 0.3953



41.7760, 0.2568, 0.3331



41.7760, 0.2674, 0.2677



41.7760, 0.3712, 0.3211

Rectangle

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



41.7760, 0.3572, 0.3953



41.7760, 0.2966, 0.3785



41.7760, 0.2674, 0.2677



41.7760, 0.3259, 0.2860

Sweetspot

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



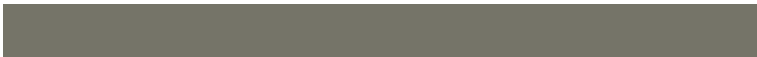
41.7779, 0.3572, 0.3953



78.7206, 0.3263, 0.3494



26.4121, 0.3704, 0.3229



17.3731, 0.3284, 0.3527



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.



41.7779, 0.3572, 0.3953



73.6943, 0.3675, 0.4102



40.9692, 0.3355, 0.4053



9.7931, 0.3265, 0.3498



25.9064, 0.4332, 0.4943



0.8479, 0.4289, 0.4976

Inverse Universe

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



23.9975, 0.2633, 0.2527



36.5235, 0.2504, 0.2323



24.7945, 0.2840, 0.2509



8.3312, 0.2985, 0.3073



2.5560, 0.1517, 0.0660



0.1147, 0.1583, 0.0899

Previews

White Background



This preview shows how the Yxy color 41.7760, 0.3572, 0.3953 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 41.7760, 0.3572, 0.3953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

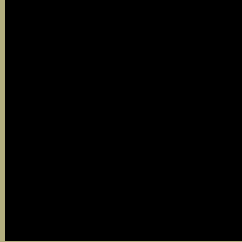
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

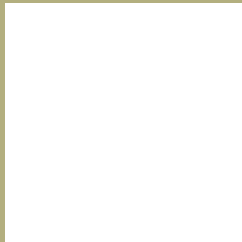
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.7760, 0.3572, 0.3953

Background



This preview shows how black text looks on a background with the Yxy color 41.7760, 0.3572, 0.3953.



This preview shows how white text looks on a background with the Yxy color 41.7760, 0.3572, 0.3953.

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

41.7760, 0.3572, 0.3953

Protanopia

41.8326, 0.3656, 0.3926

Deuteranopia

41.6948, 0.3837, 0.3764



Tritanopia

41.7806, 0.3181, 0.3120

Trichromacy



Original Color

41.7760, 0.3572, 0.3953

Protanomaly

41.8457, 0.3623, 0.3945

Deuteranomaly

41.5365, 0.3744, 0.3831

Tritanomaly

41.7663, 0.3323, 0.3425

Monochromacy



Original Color

41.7760, 0.3572, 0.3953

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.8703, 0.3290, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7760, 0.3572, 0.3953 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(179, 175, 127)` looks like.

```
.text, #text, p{  
    color:rgb(179, 175, 127)  
}
```

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(179, 175, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 175, 127) }
```

Border

The CSS property to change the border of an element to Yxy 41.7760, 0.3572, 0.3953 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(179, 175, 127) }
```

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

```
.border{ border-color:rgb(179, 175, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 175, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 175, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 175, 127);  
box-shadow:4px 4px 4px 4px rgb(179, 175,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7760, 0.3572, 0.3953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 175, 127) }
```

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

```
.background{ background-color: rgb(179,  
175, 127) }
```

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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