

Converting Colors

$Yxy(40.7492, 0.3251, 0.3609)$

Have a look what the booklet for
Yxy(40.7492, 0.3251, 0.3609)
contains.

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Color

Yxy(40.7546, 0.3248, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	A7AE98
RGB	167, 174, 152
RGB Percent	65%, 68%, 60%
CMY	0.3449, 0.3177, 0.4039
CMYK	0.04, 0.00, 0.13, 0.32
HSL	79°, 12%, 64%
HSV	79°, 13%, 68%
XYZ	36.7493, 40.7546, 35.6405
YIQ	169.3990, 2.8900, -8.3260

Conversions

Conversions Part 2

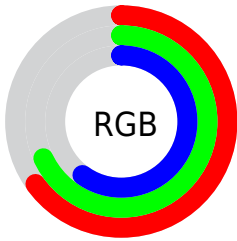
Format	Color
RYB	152, 174, 159
Decimal	10989208
CIELab	70.00, -6.45, 10.45
CIELCh	70, 12.278, 121.687
Yxy	40.7546, 0.3248, 0.3602
Android (android.graphics.Color)	4289179288 (0xFFA7AE98)
YUV	169.3990, -8.5777, -2.1039
Hunter-Lab	63.8393, -8.9648, 11.5869

Details

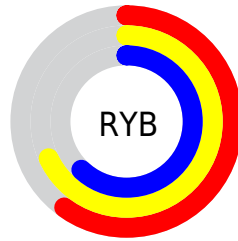
The Yxy color $40.7546, 0.3248, 0.3602$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $32.8817, 0.2996, 0.2971$, and the grayscale version is $39.9314, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.0244, 0.3227, 0.3541$, and $18.5035, 0.3282, 0.3708$ is the 20% darker color. If you saturate the color by 10%, you get $39.6419, 0.3344, 0.3865$, and if you desaturate by 10%, it is $41.9798, 0.3152, 0.3353$.

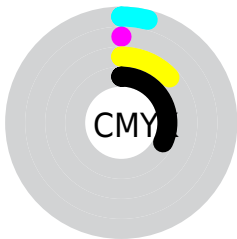
Distribution



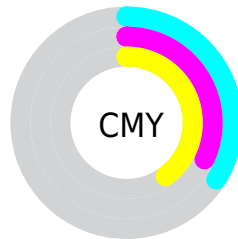
- Red (65%)
- Green (68%)
- Blue (60%)



- Red (60%)
- Yellow (68%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)




- Cyan (34%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7546, 0.3248, 0.3602 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 40.7546, 0.3248, 0.3602 by changing the saturation by 10% instead.


 40.7546, 0.3248,
0.3602

 40.7546, 0.3248,
0.3602


349.2939, 0.3187,
0.3440

 28.1274, 0.3263,
0.3644

 76.3112, 0.3226,
0.3542

 18.4217, 0.3283,
0.3700


 100.0094, 0.3218,
0.3520

 11.2532, 0.3309,
0.3776


128.1668, 0.3211,
0.3501

 6.2374, 0.3345,
0.3886

161.1676, 0.3205,
0.3485

 2.9900, 0.3397,
0.4060

199.3963, 0.3199,
0.3472

 1.1265, 0.3588,
0.4509

243.2374, 0.3195,

 0.0004, 0.0000,

0.3460

1.0000

293.0751, 0.3191,
0.3450

0.0000, 0.0000,
0.0000

40.7546, 0.3248,
0.3602

40.7546, 0.3248,
0.3602

39.6419, 0.3344,
0.3865

41.9798, 0.3152,
0.3353

38.6325, 0.3436,
0.4137

43.3160, 0.3058,
0.3121

37.7240, 0.3520,
0.4410

44.7685, 0.2969,
0.2908

36.9119, 0.3592,
0.4674

46.3405, 0.2884,
0.2714

36.1911, 0.3646,
0.4917

48.0353, 0.2805,
0.2538

■ 35.5561, 0.3679,
0.5128

■ 49.7651, 0.2741,
0.2393

■ 35.0008, 0.3688,
0.5296

■ 50.5344, 0.2781,
0.2403

■ 34.5177, 0.3672,
0.5417

■ 51.3312, 0.2822,
0.2413

■ 34.1964, 0.3649,
0.5484

■ 52.1556, 0.2864,
0.2423

Harmonies

Analogous

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



40.7546, 0.3399, 0.3587



40.7546, 0.3248, 0.3602



40.7546, 0.3068, 0.3527

Triad

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



40.7546, 0.3248, 0.3602



40.7546, 0.2788, 0.3076



40.7546, 0.3349, 0.3196

Complementary

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



40.7546, 0.3248, 0.3602



32.8817, 0.2996, 0.2971

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.



40.7546, 0.3180, 0.3069



40.7546, 0.3248, 0.3602



40.7546, 0.2858, 0.2998

Square

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



40.7546, 0.3248, 0.3602



40.7546, 0.2805, 0.3216



40.7546, 0.3000, 0.2997



40.7546, 0.3460, 0.3349

Rectangle

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



40.7546, 0.3248, 0.3602



40.7546, 0.2955, 0.3436



40.7546, 0.3000, 0.2997



40.7546, 0.3297, 0.3149

Sweetspot

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



40.7564, 0.3248, 0.3602



75.8271, 0.3166, 0.3388



35.9256, 0.3340, 0.3384



16.8157, 0.3173, 0.3406



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



40.7564, 0.3248, 0.3602



73.3880, 0.3273, 0.3670



39.6436, 0.3151, 0.3611



9.2016, 0.3216, 0.3517



24.8394, 0.3655, 0.5480



0.7184, 0.3825, 0.5345

Inverse Universe

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



32.8817, 0.2996, 0.2971



56.4298, 0.2965, 0.2899



34.0171, 0.3098, 0.2981



7.8752, 0.3033, 0.3059



2.8319, 0.1736, 0.0730



0.1084, 0.2094, 0.0927

Previews

White Background



This preview shows how the Yxy color 40.7546, 0.3248, 0.3602 looks on a white background.

Color Contrast Check

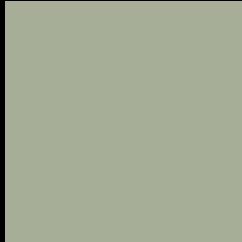
Large Text (above 18pt) WCAG AA × Fail

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 40.7546, 0.3248, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

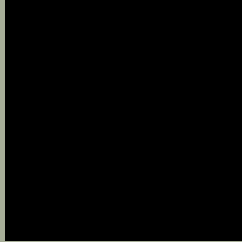
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

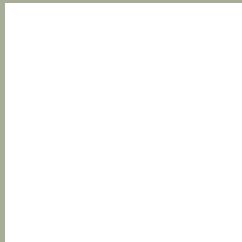
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.7546, 0.3248, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 40.7546, 0.3248, 0.3602.



This preview shows how white text looks on a background with the Yxy color 40.7546, 0.3248, 0.3602.

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

40.7546, 0.3248, 0.3602

Protanopia

40.5352, 0.3385, 0.3566

Deuteranopia

40.7127, 0.3505, 0.3436



Tritanopia

40.9390, 0.3038, 0.3114

Trichromacy



Original Color

40.7546, 0.3248, 0.3602

Protanomaly

40.4741, 0.3336, 0.3569

Deuteranomaly

40.4955, 0.3410, 0.3494

Tritanomaly

40.6504, 0.3110, 0.3276

Monochromacy



Original Color

40.7546, 0.3248, 0.3602

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.0950, 0.3167, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7546, 0.3248, 0.3602 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(167, 174, 152)` looks like.

```
.text, #text, p{  
    color:rgb(167, 174, 152)  
}
```

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(167, 174, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 174, 152) }
```

Border

The CSS property to change the border of an element to Yxy 40.7546, 0.3248, 0.3602 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(167, 174, 152) }
```

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

```
.border{ border-color:rgb(167, 174, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 174, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 174, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 174, 152);  
box-shadow:4px 4px 4px 4px rgb(167, 174,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7546, 0.3248, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 174, 152) }
```

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

```
.background{ background-color: rgb(167,  
174, 152) }
```

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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