

Converting Colors

$Yxy(40.4642, 0.3362, 0.3420)$

Have a look what the booklet for
Yxy(40.4642, 0.3362, 0.3420)
contains.

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Color

Yxy(40.6642, 0.3365, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	B8A89E
RGB	184, 168, 158
RGB Percent	72%, 66%, 62%
CMY	0.2784, 0.3412, 0.3804
CMYK	0.00, 0.09, 0.14, 0.28
HSL	23°, 15%, 67%
HSV	23°, 14%, 72%
XYZ	39.9402, 40.6642, 38.0886
YIQ	171.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

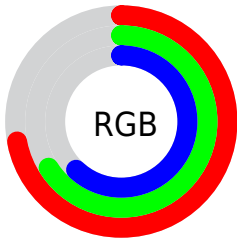
Format	Color
RYB	184, 174, 158
Decimal	12101790
CIELab	69.94, 4.08, 7.25
CIElCh	70, 8.319, 60.658
Yxy	40.6642, 0.3365, 0.3426
Android (android.graphics.Color)	4290291870 (0xFFB8A89E)
YUV	171.6440, -6.7265, 10.8362
Hunter-Lab	63.7685, 0.2052, 9.2244

Details

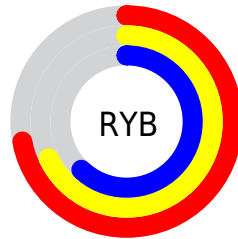
The Yxy color $40.6642, 0.3365, 0.3426$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $40.9953, 0.2911, 0.3150$, and the grayscale version is $41.0959, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.1047, 0.3316, 0.3395$, and $18.3776, 0.3437, 0.3459$ is the 20% darker color. If you saturate the color by 10%, you get $36.0811, 0.3567, 0.3529$, and if you desaturate by 10%, it is $45.7094, 0.3191, 0.3328$.

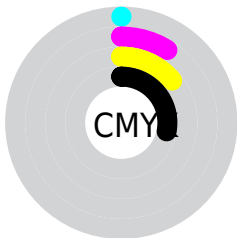
Distribution



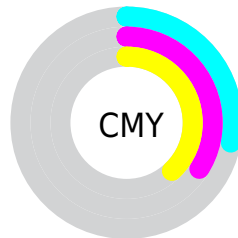
- Red (72%)
- Green (66%)
- Blue (62%)



- Red (72%)
- Yellow (68%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (28%)




- Cyan (28%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6642, 0.3365, 0.3426 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 40.6642, 0.3365, 0.3426 by changing the saturation by 10% instead.

 40.6642, 0.3365,
0.3426


 40.6642, 0.3365,
0.3426


348.9152, 0.3243,
0.3357

 28.0568, 0.3397,
0.3443


 76.1739, 0.3320,
0.3401

 18.3685, 0.3438,
0.3466


 99.8449, 0.3303,
0.3392

 11.2149, 0.3494,
0.3496


127.9727, 0.3289,
0.3384

 6.2115, 0.3574,
0.3538

160.9415, 0.3277,
0.3377

 2.9741, 0.3700,
0.3601

199.1357, 0.3267,
0.3371

 1.1182, 0.3954,
0.3736

242.9398, 0.3258,

 0.0000, 1.0000,

0.3366

0.0000

292.7382, 0.3250,
0.3361

0.0000, 0.0000,
0.0000

40.6642, 0.3365,
0.3426

40.6642, 0.3365,
0.3426

36.0811, 0.3567,
0.3529

45.7094, 0.3191,
0.3328

31.9412, 0.3801,
0.3633

51.2240, 0.3043,
0.3237

28.2322, 0.4067,
0.3736

57.2222, 0.2916,
0.3153

24.9393, 0.4364,
0.3828

63.7158, 0.2807,
0.3076

22.0464, 0.4684,
0.3899

70.7161, 0.2713,
0.3006

■ 19.5367, 0.5011,
0.3938

■ 77.3414, 0.2700,
0.3080

■ 17.3913, 0.5324,
0.3932

■ 84.0611, 0.2712,
0.3205

■ 15.5897, 0.5595,
0.3875

■ 88.9300, 0.2721,
0.3289

■ 14.6769, 0.5738,
0.3826

Harmonies

Analogous

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



40.6642, 0.3350, 0.3328



40.6642, 0.3365, 0.3426



40.6642, 0.3315, 0.3490

Triad

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



40.6642, 0.3365, 0.3426



40.6642, 0.2981, 0.3357



40.6642, 0.3038, 0.3088

Complementary

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



40.6642, 0.3365, 0.3426



40.9953, 0.2911, 0.3150

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.



40.6642, 0.2941, 0.3092



40.6642, 0.3365, 0.3426



40.6642, 0.2909, 0.3245

Square

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



40.6642, 0.3365, 0.3426



40.6642, 0.3092, 0.3452



40.6642, 0.2895, 0.3149



40.6642, 0.3159, 0.3136

Rectangle

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



40.6642, 0.3365, 0.3426



40.6642, 0.3252, 0.3504



40.6642, 0.2895, 0.3149



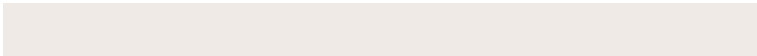
40.6642, 0.3001, 0.3084

Sweetspot

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



40.6660, 0.3365, 0.3426



82.9262, 0.3190, 0.3328



37.6989, 0.3233, 0.3075



17.7228, 0.3202, 0.3335



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



40.6660, 0.3365, 0.3426



71.0123, 0.3425, 0.3458



45.6912, 0.3341, 0.3596



9.5640, 0.3278, 0.3379



10.2436, 0.5716, 0.3844



0.4824, 0.5235, 0.4225

Inverse Universe

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



40.9953, 0.2911, 0.3150



71.7255, 0.2862, 0.3116



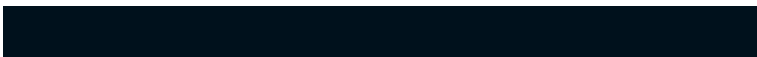
36.2286, 0.2905, 0.2965



9.6141, 0.2985, 0.3200



10.6884, 0.1888, 0.1995



0.4928, 0.1991, 0.2366

Previews

White Background



This preview shows how the Yxy color 40.6642, 0.3365, 0.3426 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 40.6642, 0.3365, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

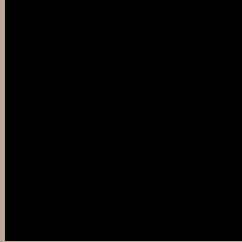
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

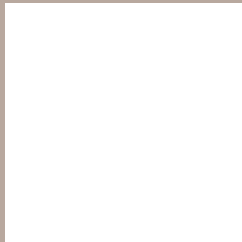
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.6642, 0.3365, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 40.6642, 0.3365, 0.3426.



This preview shows how white text looks on a background with the Yxy color 40.6642, 0.3365, 0.3426.

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

40.6642, 0.3365, 0.3426

Protanopia

40.5998, 0.3286, 0.3442

Deuteranopia

40.6199, 0.3439, 0.3370



Tritanopia

40.6894, 0.3219, 0.3120

Trichromacy



Original Color

40.6642, 0.3365, 0.3426

Protanomaly

40.5824, 0.3316, 0.3427

Deuteranomaly

40.5945, 0.3408, 0.3384

Tritanomaly

40.6518, 0.3270, 0.3224

Monochromacy



Original Color

40.6642, 0.3365, 0.3426

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.1459, 0.3206, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6642, 0.3365, 0.3426 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(184, 168, 158)` looks like.

```
.text, #text, p{  
    color:rgb(184, 168, 158)  
}
```

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(184, 168, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 168, 158) }
```

Border

The CSS property to change the border of an element to Yxy 40.6642, 0.3365, 0.3426 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(184, 168, 158) }
```

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

```
.border{ border-color:rgb(184, 168, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 168, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 168, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 168, 158);  
box-shadow:4px 4px 4px 4px rgb(184, 168,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6642, 0.3365, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 168, 158) }
```

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

```
.background{ background-color: rgb(184,  
168, 158) }
```

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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