

Converting Colors

$Yxy(40.0947, 0.3283, 0.3662)$

Have a look what the booklet for
Yxy(40.0947, 0.3283, 0.3662)
contains.

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Color

Yxy(40.1007, 0.3282, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	A6AD93
RGB	166, 173, 147
RGB Percent	65%, 68%, 58%
CMY	0.3492, 0.3215, 0.4236
CMYK	0.04, 0.00, 0.15, 0.32
HSL	76°, 14%, 63%
HSV	76°, 15%, 68%
XYZ	35.9297, 40.1007, 33.4446
YIQ	167.9430, 4.1740, -9.5700

Conversions

Conversions Part 2

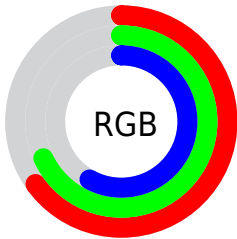
Format	Color
RYB	147, 173, 154
Decimal	10923411
CIELab	69.54, -7.18, 12.54
CIELCh	70, 14.453, 119.806
Yxy	40.1007, 0.3282, 0.3663
Android (android.graphics.Color)	4289113491 (0xFFA6AD93)
YUV	167.9430, -10.3249, -1.7040
Hunter-Lab	63.3251, -9.5408, 13.0141

Details

The Yxy color **40.1007, 0.3282, 0.3663** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7549, 0.2957, 0.2904**, and the grayscale version is **39.1766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0760, 0.3253, 0.3586**, and **18.0967, 0.3330, 0.3793** is the 20% darker color. If you saturate the color by 10%, you get **39.1025, 0.3385, 0.3926**, and if you desaturate by 10%, it is **41.2026, 0.3179, 0.3411**.

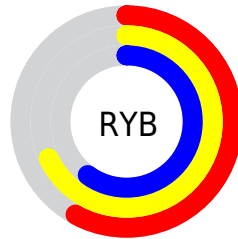
Distribution



Red (65%)

Green (68%)

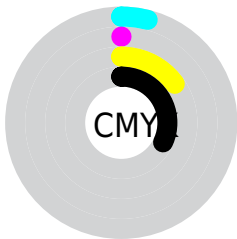
Blue (58%)



Red (58%)

Yellow (68%)

Blue (60%)

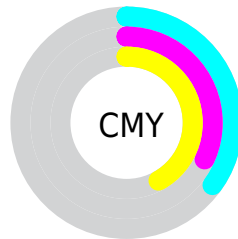


Cyan (4%)

Magenta (0%)

Yellow (15%)

Black (32%)



Cyan (35%)


Magenta (32%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1007, 0.3282, 0.3663 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 40.1007, 0.3282, 0.3663 by changing the saturation by 10% instead.

 40.1007, 0.3282,
0.3663


 40.1007, 0.3282,
0.3663


346.5478, 0.3204,
0.3469

 27.6171, 0.3301,
0.3714


 75.3168, 0.3254,
0.3591

 18.0372, 0.3326,
0.3781


 98.8181, 0.3243,
0.3564

 10.9767, 0.3360,
0.3873


126.7607, 0.3234,
0.3542

 6.0512, 0.3405,
0.4007

159.5291, 0.3226,
0.3523

 2.8762, 0.3471,
0.4218

197.5076, 0.3220,
0.3507

 1.0675, 0.3820,
0.4921

241.0806, 0.3214,

 0.0000, 0.0000,

0.3492

0.0000

290.6326, 0.3209,
0.3480

■ 40.1007, 0.3282,
0.3663

■ 40.1007, 0.3282,
0.3663

■ 39.1025, 0.3385,
0.3926

■ 41.2026, 0.3179,
0.3411

■ 38.1988, 0.3483,
0.4195

■ 42.4065, 0.3077,
0.3175

■ 37.3873, 0.3573,
0.4460

■ 43.7175, 0.2980,
0.2956


■ 36.6636, 0.3649,
0.4713


■ 45.1389, 0.2889,
0.2756

■ 36.0228, 0.3706,
0.4940

■ 46.6737, 0.2803,
0.2575


 35.4594, 0.3741,
0.5133


 48.3250, 0.2723,
0.2411

 34.9671, 0.3750,
0.5281

 49.2229, 0.2731,
0.2380

 34.5384, 0.3736,
0.5383

 49.8728, 0.2766,
0.2388

 34.3407, 0.3724,
0.5425

 50.5425, 0.2801,
0.2397

Harmonies

Analogous

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



40.1007, 0.3458, 0.3636



40.1007, 0.3282, 0.3663



40.1007, 0.3069, 0.3581

Triad

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



40.1007, 0.3282, 0.3663



40.1007, 0.2726, 0.3044



40.1007, 0.3379, 0.3168

Complementary

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



40.1007, 0.3282, 0.3663



30.7549, 0.2957, 0.2904

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.



40.1007, 0.3175, 0.3023



40.1007, 0.3282, 0.3663



40.1007, 0.2801, 0.2949

Square

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



40.1007, 0.3282, 0.3663



40.1007, 0.2753, 0.3213



40.1007, 0.2964, 0.2943



40.1007, 0.3517, 0.3347

Rectangle

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



40.1007, 0.3282, 0.3663



40.1007, 0.2935, 0.3475



40.1007, 0.2964, 0.2943



40.1007, 0.3316, 0.3114

Sweetspot

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



40.1025, 0.3282, 0.3663



73.7688, 0.3179, 0.3412



34.0797, 0.3387, 0.3391



16.0013, 0.3186, 0.3429



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



40.1025, 0.3282, 0.3663



71.2028, 0.3316, 0.3748



38.7773, 0.3163, 0.3677



9.2195, 0.3223, 0.3517



25.2527, 0.3729, 0.5421



0.7275, 0.3877, 0.5304

Inverse Universe

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



30.7549, 0.2957, 0.2904



51.2829, 0.2915, 0.2813



32.0905, 0.3083, 0.2919



7.8582, 0.3026, 0.3059



2.6827, 0.1681, 0.0700



0.1018, 0.2019, 0.0886

Previews

White Background



This preview shows how the Yxy color 40.1007, 0.3282, 0.3663 looks on a white background.

Color Contrast Check

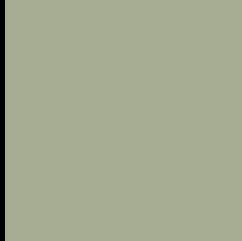
Large Text (above 18pt) WCAG AA × Fail

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 40.1007, 0.3282, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

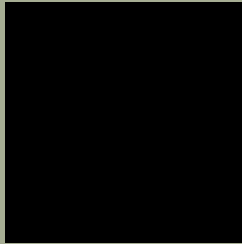
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

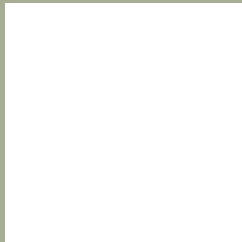
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.1007, 0.3282, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 40.1007, 0.3282, 0.3663.



This preview shows how white text looks on a background with the Yxy color 40.1007, 0.3282, 0.3663.

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

40.1007, 0.3282, 0.3663

Protanopia

39.8852, 0.3422, 0.3624

Deuteranopia

39.8336, 0.3558, 0.3477



Tritanopia

39.9994, 0.3045, 0.3113

Trichromacy



Original Color

40.1007, 0.3282, 0.3663

Protanomaly

39.8234, 0.3372, 0.3628

Deuteranomaly

39.9659, 0.3458, 0.3550

Tritanomaly

40.0490, 0.3127, 0.3304

Monochromacy



Original Color

40.1007, 0.3282, 0.3663

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.5030, 0.3184, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1007, 0.3282, 0.3663 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(166, 173, 147)` looks like.

```
.text, #text, p{  
    color:rgb(166, 173, 147)  
}
```

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(166, 173, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 173, 147) }
```

Border

The CSS property to change the border of an element to Yxy 40.1007, 0.3282, 0.3663 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(166, 173, 147) }
```

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

```
.border{ border-color:rgb(166, 173, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 173, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 173, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 173, 147);  
box-shadow:4px 4px 4px 4px rgb(166, 173,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1007, 0.3282, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 173, 147) }
```

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

```
.background{ background-color: rgb(166,  
173, 147) }
```

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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