

Converting Colors

$Yxy(40.8364, 0.3078, 0.3473)$

Have a look what the booklet for
Yxy(40.8364, 0.3078, 0.3473)
contains.

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Color

Yxy(40.9641, 0.3075, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	9EB0A3
RGB	158, 176, 163
RGB Percent	62%, 69%, 64%
CMY	0.3803, 0.3098, 0.3608
CMYK	0.10, 0.00, 0.07, 0.31
HSL	137°, 10%, 65%
HSV	137°, 10%, 69%
XYZ	36.2384, 40.9641, 40.6459
YIQ	169.1360, -6.5550, -7.8590

Conversions

Conversions Part 2

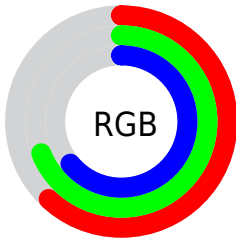
Format	Color
RYB	158, 172, 176
Decimal	10399907
CIELab	70.15, -8.78, 4.53
CIELCh	70, 9.879, 152.711
Yxy	40.9641, 0.3075, 0.3476
Android (android.graphics.Color)	4288589987 (0xFF9EB0A3)
YUV	169.1360, -3.0250, -9.7663
Hunter-Lab	64.0032, -10.9396, 7.1495

Details

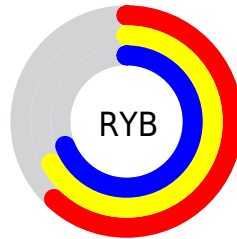
The Yxy color **40.9641, 0.3075, 0.3476** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6295, 0.3184, 0.3111**, and the grayscale version is **39.7664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9213, 0.3086, 0.3443**, and **18.6888, 0.3067, 0.3551** is the 20% darker color. If you saturate the color by 10%, you get **38.8734, 0.3024, 0.3681**, and if you desaturate by 10%, it is **43.3598, 0.3126, 0.3294**.

Distribution



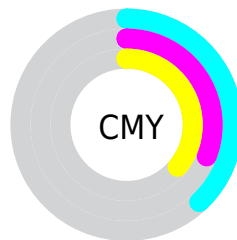
- Red (62%)
- Green (69%)
- Blue (64%)



- Red (62%)
- Yellow (67%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)





- Cyan (38%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9641, 0.3075, 0.3476 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 40.9641, 0.3075, 0.3476 by changing the saturation by 10% instead.


 40.9641, 0.3075,
0.3476

 40.9641, 0.3075,
0.3476


350.1706, 0.3102,
0.3380

 28.2910, 0.3068,
0.3501


 76.6294, 0.3085,
0.3440

 18.5452, 0.3058,
0.3534


 100.3904, 0.3089,
0.3427

 11.3421, 0.3045,
0.3579

128.6162, 0.3092,
0.3416

 6.2974, 0.3026,
0.3645

161.6912, 0.3095,
0.3407

 3.0268, 0.2995,
0.3750

199.9997, 0.3097,
0.3399

 1.1457, 0.2938,
0.3942

243.9262, 0.3099,

 0.0167, 0.0000,

0.3391

1.0000

293.8550, 0.3101,
0.3385

0.0000, 0.0000,
0.0000

40.9641, 0.3075,
0.3476

40.9641, 0.3075,
0.3476

38.8734, 0.3024,
0.3681

43.3598, 0.3126,
0.3294

37.0703, 0.2976,
0.3909

46.0667, 0.3176,
0.3133

35.5436, 0.2932,
0.4157

49.0974, 0.3225,
0.2993

34.2792, 0.2895,
0.4422

52.4622, 0.3271,
0.2871

33.2619, 0.2869,
0.4696

56.1711, 0.3314,
0.2764

■ 32.4747, 0.2856,
0.4968

■ 58.5628, 0.3285,
0.2658

■ 31.8987, 0.2858,
0.5225

■ 59.3429, 0.3186,
0.2543

■ 31.5115, 0.2875,
0.5454

■ 59.5311, 0.3163,
0.2517

■ 31.2709, 0.2901,
0.5643

Harmonies

Analogous

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



40.9641, 0.3220, 0.3538



40.9641, 0.3075, 0.3476



40.9641, 0.2946, 0.3360

Triad

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



40.9641, 0.3075, 0.3476



40.9641, 0.2913, 0.3054



40.9641, 0.3396, 0.3343

Complementary

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



40.9641, 0.3075, 0.3476



36.6295, 0.3184, 0.3111

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.



40.9641, 0.3310, 0.3219



40.9641, 0.3075, 0.3476



40.9641, 0.3030, 0.3054

Square

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



40.9641, 0.3075, 0.3476



40.9641, 0.2854, 0.3116



40.9641, 0.3175, 0.3114



40.9641, 0.3408, 0.3457

Rectangle

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



40.9641, 0.3075, 0.3476



40.9641, 0.2886, 0.3271



40.9641, 0.3175, 0.3114



40.9641, 0.3374, 0.3301

Sweetspot

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



40.9658, 0.3075, 0.3476



77.3529, 0.3112, 0.3343



42.2010, 0.3233, 0.3540



16.6870, 0.3108, 0.3357



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.



40.9658, 0.3075, 0.3476



73.4995, 0.3065, 0.3515



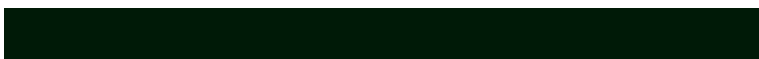
41.2926, 0.3005, 0.3349



9.5275, 0.3080, 0.3459



22.9525, 0.2896, 0.5625



0.7323, 0.2734, 0.5041

Inverse Universe

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



36.6295, 0.3184, 0.3111



64.2295, 0.3196, 0.3075



36.3048, 0.3265, 0.3232



8.6057, 0.3178, 0.3127



7.9112, 0.4046, 0.2003



0.2582, 0.3765, 0.1848

Previews

White Background



This preview shows how the Yxy color 40.9641, 0.3075, 0.3476 looks on a white background.

Color Contrast Check

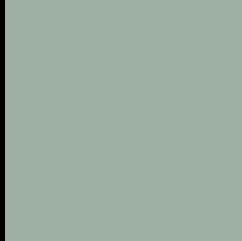
Large Text (above 18pt) WCAG AA × Fail

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 40.9641, 0.3075, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

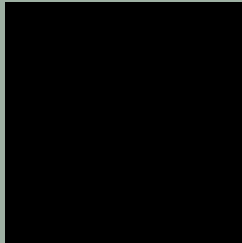
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

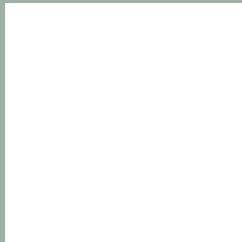
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9641, 0.3075, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 40.9641, 0.3075, 0.3476.



This preview shows how white text looks on a background with the Yxy color 40.9641, 0.3075, 0.3476.

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

40.9641, 0.3075, 0.3476

Protanopia

41.0110, 0.3276, 0.3441

Deuteranopia

40.9362, 0.3363, 0.3304



Tritanopia

41.1137, 0.2929, 0.3111

Trichromacy



Original Color

40.9641, 0.3075, 0.3476

Protanomaly

41.0064, 0.3200, 0.3458

Deuteranomaly

40.8948, 0.3252, 0.3372

Tritanomaly

41.0635, 0.2982, 0.3234

Monochromacy



Original Color

40.9641, 0.3075, 0.3476

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.2944, 0.3106, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9641, 0.3075, 0.3476 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(158, 176, 163)` looks like.

```
.text, #text, p{  
    color:rgb(158, 176, 163)  
}
```

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(158, 176, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 176, 163) }
```

Border

The CSS property to change the border of an element to Yxy 40.9641, 0.3075, 0.3476 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(158, 176, 163) }
```

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

```
.border{ border-color:rgb(158, 176, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 176, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 176, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 176, 163);  
box-shadow:4px 4px 4px 4px rgb(158, 176,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9641, 0.3075, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 176, 163) }
```

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

```
.background{ background-color: rgb(158,  
176, 163) }
```

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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