

Converting Colors

$Yxy(40.9566, 0.3461, 0.3914)$

Have a look what the booklet for
Yxy(40.9566, 0.3461, 0.3914)
contains.

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Color

Yxy(40.9566, 0.3461, 0.3914)

Conversions

Conversions Part 1

Format	Color
Hex	ABAF83
RGB	171, 175, 131
RGB Percent	67%, 69%, 51%
CMY	0.3295, 0.3137, 0.4863
CMYK	0.02, 0.00, 0.25, 0.31
HSL	66°, 22%, 60%
HSV	66°, 25%, 69%
XYZ	36.2163, 40.9566, 27.4683
YIQ	168.7880, 11.7400, -14.5320

Conversions

Conversions Part 2

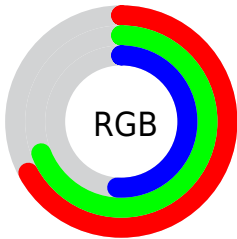
Format	Color
RYB	131, 175, 135
Decimal	11251587
CIELab	70.15, -8.83, 22.15
CIELCh	70, 23.849, 111.731
Yxy	40.9566, 0.3461, 0.3914
Android (android.graphics.Color)	4289441667 (0xFFABAF83)
YUV	168.7880, -18.6295, 1.9399
Hunter-Lab	63.9973, -10.9815, 19.3502

Details

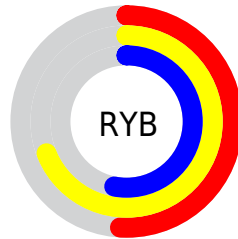
The Yxy color $40.9566, 0.3461, 0.3914$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $24.4823, 0.2743, 0.2597$, and the grayscale version is $39.6542, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.3852, 0.3406, 0.3791$, and $18.6116, 0.3550, 0.4119$ is the 20% darker color. If you saturate the color by 10%, you get $40.3439, 0.3591, 0.4166$, and if you desaturate by 10%, it is $41.6553, 0.3327, 0.3661$.

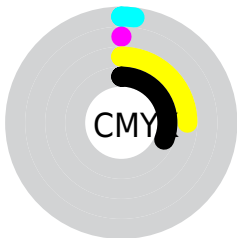
Distribution



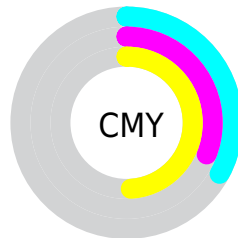
- Red (67%)
- Green (69%)
- Blue (51%)



- Red (51%)
- Yellow (69%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (25%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9566, 0.3461, 0.3914 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 40.9566, 0.3461, 0.3914 by changing the saturation by 10% instead.


 40.9566, 0.3461,
0.3914


 40.9566, 0.3461,
0.3914


350.1392, 0.3295,
0.3590

 28.2852, 0.3502,
0.3998


 76.6180, 0.3401,
0.3794

 18.5407, 0.3553,
0.4108


 100.3768, 0.3379,
0.3750

 11.3389, 0.3619,
0.4256


 128.6001, 0.3359,
0.3712

 6.2953, 0.3705,
0.4467

161.6724, 0.3343,
0.3681

 3.0254, 0.3820,
0.4788

199.9781, 0.3328,
0.3653

 1.1450, 0.4266,
0.5734

243.9015, 0.3316,

 0.0161, 0.0000,

0.3630

1.0000

293.8271, 0.3305,
0.3609

0.0000, 0.0000,
0.0000

40.9566, 0.3461,
0.3914

40.9566, 0.3461,
0.3914

40.3439, 0.3591,
0.4166

41.6553, 0.3327,
0.3661

39.8076, 0.3713,
0.4407

42.4384, 0.3194,
0.3413

39.3453, 0.3821,
0.4628


43.3110, 0.3065,
0.3177

38.9521, 0.3910,
0.4820

44.2766, 0.2943,
0.2955


38.6227, 0.3975,
0.4974


45.3383, 0.2828,
0.2749


 38.3506, 0.4015,
0.5085

 46.4990, 0.2721,
0.2560

 38.1283, 0.4031,
0.5154

 47.7617, 0.2624,
0.2387

 38.0298, 0.4034,
0.5179

 48.0546, 0.2626,
0.2376

 48.2540, 0.2637,
0.2379

Harmonies

Analogous

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



40.9566, 0.3722, 0.3810



40.9566, 0.3461, 0.3914



40.9566, 0.3119, 0.3833

Triad

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



40.9566, 0.3461, 0.3914



40.9566, 0.2478, 0.2944



40.9566, 0.3455, 0.3022

Complementary

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



40.9566, 0.3461, 0.3914



24.4823, 0.2743, 0.2597

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.



40.9566, 0.3104, 0.2818



40.9566, 0.3461, 0.3914



40.9566, 0.2554, 0.2763

Square

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



40.9566, 0.3461, 0.3914



40.9566, 0.2562, 0.3241



40.9566, 0.2777, 0.2723



40.9566, 0.3724, 0.3293

Rectangle

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



40.9566, 0.3461, 0.3914



40.9566, 0.2894, 0.3677



40.9566, 0.2777, 0.2723



40.9566, 0.3342, 0.2944

Sweetspot

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



40.9584, 0.3461, 0.3914



75.5570, 0.3234, 0.3486



27.9892, 0.3633, 0.3346



16.7464, 0.3253, 0.3523



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.



40.9584, 0.3461, 0.3914



72.7339, 0.3532, 0.4050



38.7252, 0.3258, 0.3957



9.2923, 0.3249, 0.3515



27.2438, 0.4036, 0.5178



0.7685, 0.4087, 0.5137

Inverse Universe

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



24.4823, 0.2743, 0.2597



38.3052, 0.2646, 0.2426



26.4633, 0.2962, 0.2639



7.7911, 0.2999, 0.3057



2.3085, 0.1537, 0.0620



0.0753, 0.1689, 0.0704

Previews

White Background



This preview shows how the Yxy color 40.9566, 0.3461, 0.3914 looks on a white background.

Color Contrast Check

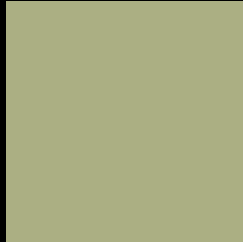
Large Text (above 18pt) WCAG AA × Fail

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 40.9566, 0.3461, 0.3914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

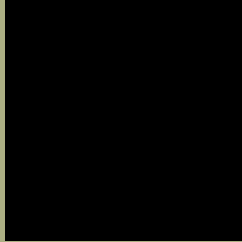
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

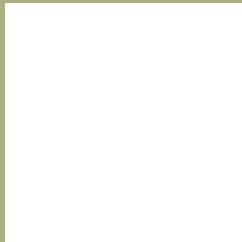
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9566, 0.3461, 0.3914

Background



This preview shows how black text looks on a background with the Yxy color 40.9566, 0.3461, 0.3914.



This preview shows how white text looks on a background with the Yxy color 40.9566, 0.3461, 0.3914.

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

40.9566, 0.3461, 0.3914

Protanopia

40.7781, 0.3608, 0.3866

Deuteranopia

40.6619, 0.3778, 0.3693



Tritanopia

40.8476, 0.3100, 0.3103

Trichromacy



Original Color

40.9566, 0.3461, 0.3914

Protanomaly

40.7005, 0.3557, 0.3873

Deuteranomaly

40.6184, 0.3661, 0.3774

Tritanomaly

40.8841, 0.3232, 0.3400

Monochromacy



Original Color

40.9566, 0.3461, 0.3914

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.0384, 0.3254, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9566, 0.3461, 0.3914 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(171, 175, 131)` looks like.

```
.text, #text, p{  
    color:rgb(171, 175, 131)  
}
```

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(171, 175, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 175, 131) }
```

Border

The CSS property to change the border of an element to Yxy 40.9566, 0.3461, 0.3914 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(171, 175, 131) }
```

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

```
.border{ border-color:rgb(171, 175, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 175, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 175, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 175, 131);  
box-shadow:4px 4px 4px 4px rgb(171, 175,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9566, 0.3461, 0.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 175, 131) }
```

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

```
.background{ background-color: rgb(171,  
175, 131) }
```

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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