

Converting Colors

$Yxy(40.9201, 0.3361, 0.3905)$

Have a look what the booklet for
Yxy(40.9201, 0.3361, 0.3905)
contains.

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Color

Yxy(41.0580, 0.3365, 0.3910)

Conversions

Conversions Part 1

Format	Color
Hex	A4B186
RGB	164, 177, 134
RGB Percent	64%, 69%, 53%
CMY	0.3569, 0.3059, 0.4745
CMYK	0.07, 0.00, 0.24, 0.31
HSL	78°, 22%, 61%
HSV	78°, 24%, 69%
XYZ	35.3351, 41.0580, 28.6146
YIQ	168.2110, 6.0550, -16.1290

Conversions

Conversions Part 2

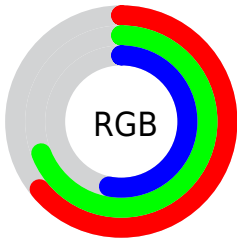
Format	Color
RYB	134, 177, 147
Decimal	10793350
CIELab	70.22, -12.10, 20.54
CIElCh	70, 23.841, 120.501
Yxy	41.0580, 0.3365, 0.3910
Android (android.graphics.Color)	4288983430 (0xFFA4B186)
YUV	168.2110, -16.8660, -3.6930
Hunter-Lab	64.0765, -13.6998, 18.3765

Details

The Yxy color **41.0580, 0.3365, 0.3910** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.4261, 0.2846, 0.2640**, and the grayscale version is **39.3500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9258, 0.3324, 0.3798**, and **18.5001, 0.3432, 0.4099** is the 20% darker color. If you saturate the color by 10%, you get **40.0491, 0.3459, 0.4182**, and if you desaturate by 10%, it is **42.1771, 0.3267, 0.3645**.

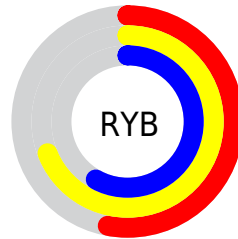
Distribution



Red (64%)

Green (69%)

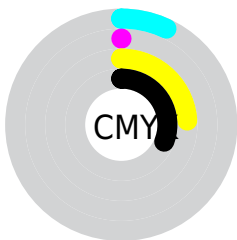
Blue (53%)



Red (53%)

Yellow (69%)

Blue (58%)

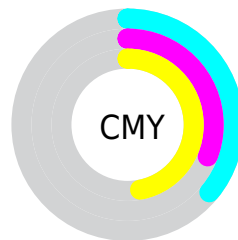


Cyan (7%)

Magenta (0%)

Yellow (24%)

Black (31%)



Cyan (36%)


Magenta (31%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0580, 0.3365, 0.3910 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 41.0580, 0.3365, 0.3910 by changing the saturation by 10% instead.

 41.0580, 0.3365,
0.3910


 41.0580, 0.3365,
0.3910


350.5630, 0.3248,
0.3586

 28.3644, 0.3393,
0.3995


 76.7719, 0.3323,
0.3789

 18.6005, 0.3427,
0.4107


 100.5611, 0.3308,
0.3745

 11.3820, 0.3471,
0.4259


 128.8175, 0.3294,
0.3708

 6.3244, 0.3527,
0.4479

161.9256, 0.3282,
0.3676

 3.0433, 0.3596,
0.4819

200.2698, 0.3272,
0.3649

 1.1544, 0.4031,
0.5969

244.2345, 0.3263,

 0.0240, 0.0000,

0.3625

1.0000

294.2041, 0.3255,
0.3605

0.0000, 0.0000,
0.0000

41.0580, 0.3365,
0.3910

41.0580, 0.3365,
0.3910

40.0491, 0.3459,
0.4182

42.1771, 0.3267,
0.3645

39.1407, 0.3543,
0.4453

43.4051, 0.3169,
0.3393

38.3297, 0.3615,
0.4712

44.7478, 0.3073,
0.3158

37.6110, 0.3668,
0.4948

46.2086, 0.2980,
0.2941

36.9787, 0.3699,
0.5149

47.7913, 0.2893,
0.2743

■ 36.4261, 0.3705,
0.5307

■ 49.4990, 0.2811,
0.2564

■ 35.9454, 0.3687,
0.5418

■ 51.1469, 0.2754,
0.2429

■ 35.6936, 0.3671,
0.5468

■ 51.9036, 0.2793,
0.2439

■ 52.6865, 0.2833,
0.2448

Harmonies

Analogous

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



41.0580, 0.3659, 0.3856



41.0580, 0.3365, 0.3910



41.0580, 0.3018, 0.3773

Triad

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



41.0580, 0.3365, 0.3910



41.0580, 0.2484, 0.2878



41.0580, 0.3546, 0.3096

Complementary

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



41.0580, 0.3365, 0.3910



26.4261, 0.2846, 0.2640

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.



41.0580, 0.3209, 0.2868



41.0580, 0.3365, 0.3910



41.0580, 0.2606, 0.2737

Square

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



41.0580, 0.3365, 0.3910



41.0580, 0.2521, 0.3146



41.0580, 0.2865, 0.2738



41.0580, 0.3772, 0.3377

Rectangle

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



41.0580, 0.3365, 0.3910



41.0580, 0.2804, 0.3590



41.0580, 0.2865, 0.2738



41.0580, 0.3441, 0.3012

Sweetspot

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



41.0598, 0.3365, 0.3910



77.0923, 0.3197, 0.3463



31.9044, 0.3581, 0.3478



16.6793, 0.3202, 0.3477



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.



41.0598, 0.3365, 0.3910



72.5691, 0.3414, 0.4051



38.9707, 0.3170, 0.3949



9.7752, 0.3218, 0.3518



25.8928, 0.3676, 0.5463



0.8434, 0.3827, 0.5344

Inverse Universe

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



26.4261, 0.2846, 0.2640



41.9351, 0.2773, 0.2483



28.5924, 0.3065, 0.2680



8.3506, 0.3030, 0.3058



2.8866, 0.1717, 0.0720



0.1221, 0.2045, 0.0900

Previews

White Background



This preview shows how the Yxy color 41.0580, 0.3365, 0.3910 looks on a white background.

Color Contrast Check

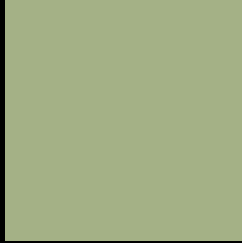
Large Text (above 18pt) WCAG AA × Fail

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 41.0580, 0.3365, 0.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

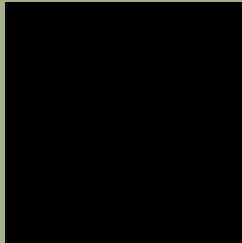
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0580, 0.3365, 0.3910

Background



This preview shows how black text looks on a background with the Yxy color 41.0580, 0.3365, 0.3910.



This preview shows how white text looks on a background with the Yxy color 41.0580, 0.3365, 0.3910.

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

41.0580, 0.3365, 0.3910

Protanopia

40.8318, 0.3590, 0.3839

Deuteranopia

40.9958, 0.3726, 0.3655



Tritanopia

40.8681, 0.3021, 0.3100

Trichromacy



Original Color

41.0580, 0.3365, 0.3910

Protanomaly

40.7832, 0.3507, 0.3864

Deuteranomaly

40.7183, 0.3592, 0.3738

Tritanomaly

40.9651, 0.3140, 0.3388

Monochromacy



Original Color

41.0580, 0.3365, 0.3910

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.7416, 0.3218, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0580, 0.3365, 0.3910 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(164, 177, 134)` looks like.

```
.text, #text, p{  
    color:rgb(164, 177, 134)  
}
```

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(164, 177, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 177, 134) }
```

Border

The CSS property to change the border of an element to Yxy 41.0580, 0.3365, 0.3910 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(164, 177, 134) }
```

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

```
.border{ border-color:rgb(164, 177, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 177, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 177, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 177, 134);  
box-shadow:4px 4px 4px 4px rgb(164, 177,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0580, 0.3365, 0.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 177, 134) }
```

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

```
.background{ background-color: rgb(164,  
177, 134) }
```

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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