

Converting Colors

$Yxy(41.9162, 0.3585, 0.4084)$

Have a look what the booklet for
Yxy(41.9162, 0.3585, 0.4084)
contains.

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Color

Yxy(41.9143, 0.3585, 0.4084)

Conversions

Conversions Part 1

Format	Color
Hex	AFB178
RGB	175, 177, 120
RGB Percent	69%, 69%, 47%
CMY	0.3137, 0.3059, 0.5294
CMYK	0.01, 0.00, 0.32, 0.31
HSL	62°, 27%, 58%
HSV	62°, 32%, 69%
XYZ	36.7930, 41.9143, 23.9232
YIQ	169.9040, 17.1050, -18.1510

Conversions

Conversions Part 2

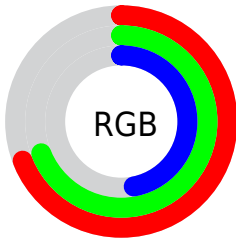
Format	Color
RYB	120, 177, 122
Decimal	11514232
CIELab	70.81, -9.79, 28.99
CIElCh	71, 30.599, 108.656
Yxy	41.9143, 0.3585, 0.4084
Android (android.graphics.Color)	4289704312 (0xFFAFB178)
YUV	169.9040, -24.6027, 4.4692
Hunter-Lab	64.7413, -11.8540, 23.4101

Details

The Yxy color $41.9143, 0.3585, 0.4084$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $20.7479, 0.2582, 0.2362$, and the grayscale version is $40.2683, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2839, 0.3501, 0.3936$, and $19.2597, 0.3702, 0.4322$ is the 20% darker color. If you saturate the color by 10%, you get $41.4538, 0.3720, 0.4322$, and if you desaturate by 10%, it is $42.4584, 0.3443, 0.3836$.

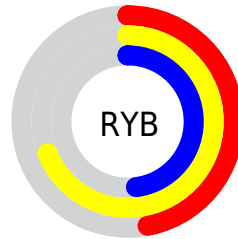
Distribution



Red (69%)

Green (69%)

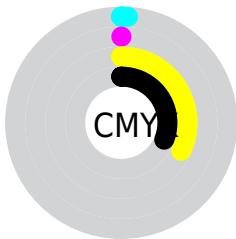
Blue (47%)



Red (47%)

Yellow (69%)

Blue (48%)

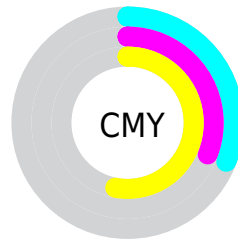


Cyan (1%)

Magenta (0%)

Yellow (32%)

Black (31%)



Cyan (31%)


Magenta (31%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9143, 0.3585, 0.4084 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 41.9143, 0.3585, 0.4084 by changing the saturation by 10% instead.


 41.9143, 0.3585,
0.4084


 41.9143, 0.3585,
0.4084

354.1276, 0.3360,
0.3675

 29.0342, 0.3638,
0.4188


 78.0699, 0.3505,
0.3933

 19.1067, 0.3704,
0.4323


 102.1142, 0.3474,
0.3877

 11.7474, 0.3787,
0.4503


 130.6487, 0.3448,
0.3830

 6.5719, 0.3889,
0.4750

164.0577, 0.3426,
0.3790

 3.1959, 0.4056,
0.5165

202.7257, 0.3406,
0.3755

 1.2348, 0.4216,
0.5784

247.0371, 0.3389,

 0.0899, 0.0000,

0.3725

1.0000

297.3763, 0.3374,
0.3698

0.0000, 0.0000,
0.0000

41.9143, 0.3585,
0.4084

41.9143, 0.3585,
0.4084

41.4538, 0.3720,
0.4322

42.4584, 0.3443,
0.3836

41.0668, 0.3843,
0.4541

43.0843, 0.3299,
0.3586

40.7504, 0.3948,
0.4732


43.7979, 0.3158,
0.3342

40.4992, 0.4030,
0.4886


44.6026, 0.3022,
0.3109

40.3070, 0.4088,
0.4998


45.5018, 0.2893,
0.2890


 40.1667, 0.4120,
0.5067

 46.4987, 0.2774,
0.2687

 40.0812, 0.4133,
0.5101

 47.5963, 0.2664,
0.2501

 48.3641, 0.2602,
0.2393

 48.4387, 0.2606,
0.2394

Harmonies

Analogous

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



41.9143, 0.3905, 0.3916



41.9143, 0.3585, 0.4084



41.9143, 0.3156, 0.4015

Triad

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



41.9143, 0.3585, 0.4084



41.9143, 0.2315, 0.2877



41.9143, 0.3499, 0.2921

Complementary

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



41.9143, 0.3585, 0.4084



20.7479, 0.2582, 0.2362

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.



41.9143, 0.3048, 0.2682



41.9143, 0.3585, 0.4084



41.9143, 0.2389, 0.2639

Square

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



41.9143, 0.3585, 0.4084



41.9143, 0.2436, 0.3265



41.9143, 0.2648, 0.2578



41.9143, 0.3863, 0.3249

Rectangle

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



41.9143, 0.3585, 0.4084



41.9143, 0.2868, 0.3827



41.9143, 0.2648, 0.2578



41.9143, 0.3351, 0.2829

Sweetspot

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



41.9162, 0.3585, 0.4084



77.4069, 0.3270, 0.3536



24.6007, 0.3843, 0.3320



16.7391, 0.3290, 0.3570



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.



41.9162, 0.3585, 0.4084



74.4371, 0.3687, 0.4264



38.9682, 0.3316, 0.4159



9.8912, 0.3258, 0.3515



29.0452, 0.4133, 0.5100



0.9185, 0.4151, 0.5086

Inverse Universe

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



20.7479, 0.2582, 0.2362



30.2909, 0.2431, 0.2107



23.1325, 0.2873, 0.2433



8.2439, 0.2990, 0.3055



2.3345, 0.1514, 0.0607



0.0781, 0.1570, 0.0639

Previews

White Background



This preview shows how the Yxy color 41.9143, 0.3585, 0.4084 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 41.9143, 0.3585, 0.4084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

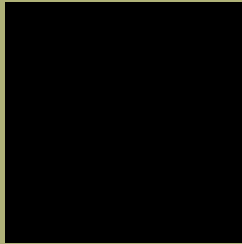
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

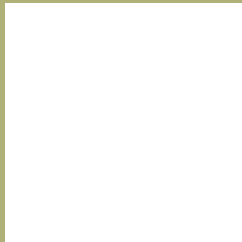
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9143, 0.3585, 0.4084

Background



This preview shows how black text looks on a background with the Yxy color 41.9143, 0.3585, 0.4084.



This preview shows how white text looks on a background with the Yxy color 41.9143, 0.3585, 0.4084.

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

41.9143, 0.3585, 0.4084

Protanopia

41.7599, 0.3735, 0.4030

Deuteranopia

41.7994, 0.3922, 0.3848



Tritanopia

41.8206, 0.3144, 0.3119

Trichromacy



Original Color

41.9143, 0.3585, 0.4084

Protanomaly

41.6713, 0.3683, 0.4040

Deuteranomaly

41.7320, 0.3802, 0.3934

Tritanomaly

41.7115, 0.3311, 0.3467

Monochromacy



Original Color

41.9143, 0.3585, 0.4084

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.9248, 0.3295, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9143, 0.3585, 0.4084 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(175, 177, 120)` looks like.

```
.text, #text, p{  
    color:rgb(175, 177, 120)  
}
```

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(175, 177, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 177, 120) }
```

Border

The CSS property to change the border of an element to Yxy 41.9143, 0.3585, 0.4084 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(175, 177, 120) }
```

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

```
.border{ border-color:rgb(175, 177, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 177, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 177, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 177, 120);  
box-shadow:4px 4px 4px 4px rgb(175, 177,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9143, 0.3585, 0.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 177, 120) }
```

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

```
.background{ background-color: rgb(175,  
177, 120) }
```

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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