

Converting Colors

$Yxy(41.0636, 0.3318, 0.3916)$

Have a look what the booklet for
Yxy(41.0636, 0.3318, 0.3916)
contains.

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Color

Yxy(41.0636, 0.3318, 0.3916)

Conversions

Conversions Part 1

Format	Color
Hex	A0B287
RGB	160, 178, 135
RGB Percent	63%, 70%, 53%
CMY	0.3725, 0.3020, 0.4707
CMYK	0.10, 0.00, 0.24, 0.30
HSL	85°, 22%, 61%
HSV	85°, 24%, 70%
XYZ	34.7929, 41.0636, 29.0046
YIQ	167.7160, 3.0750, -17.1890

Conversions

Conversions Part 2

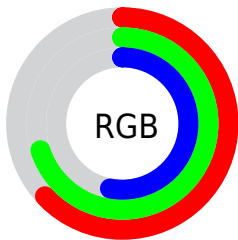
Format	Color
RYB	135, 178, 153
Decimal	10531463
CIELab	70.22, -13.97, 19.97
CIElCh	70, 24.369, 124.967
Yxy	41.0636, 0.3318, 0.3916
Android (android.graphics.Color)	4288721543 (0xFFA0B287)
YUV	167.7160, -16.1290, -6.7669
Hunter-Lab	64.0809, -15.2244, 18.0205

Details

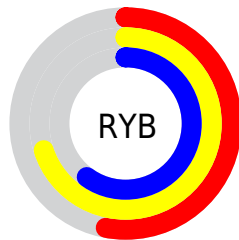
The Yxy color $41.0636, 0.3318, 0.3916$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $27.3032, 0.2897, 0.2652$, and the grayscale version is $39.0925, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9236, 0.3287, 0.3801$, and $18.5113, 0.3366, 0.4110$ is the 20% darker color. If you saturate the color by 10%, you get $39.8614, 0.3392, 0.4198$, and if you desaturate by 10%, it is $42.3990, 0.3240, 0.3645$.

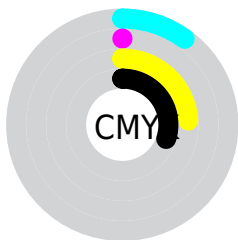
Distribution



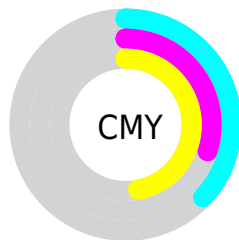
- Red (63%)
- Green (70%)
- Blue (53%)



- Red (53%)
- Yellow (70%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (30%)



- Cyan (37%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0636, 0.3318, 0.3916 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 41.0636, 0.3318, 0.3916 by changing the saturation by 10% instead.


 41.0636, 0.3318,
0.3916

 41.0636, 0.3318,
0.3916


350.5864, 0.3226,
0.3588

 28.3688, 0.3339,
0.4003


 76.7804, 0.3285,
0.3793

 18.6038, 0.3366,
0.4116


 100.5712, 0.3273,
0.3748

 11.3844, 0.3399,
0.4273

 128.8295, 0.3262,
0.3711

 6.3260, 0.3439,
0.4499

161.9396, 0.3253,
0.3679

 3.0443, 0.3483,
0.4854

200.2859, 0.3245,
0.3651

 1.1549, 0.3887,
0.6113

244.2529, 0.3238,

 0.0244, 0.0000,

0.3628

1.0000

294.2249, 0.3231,
0.3607

0.0000, 0.0000,
0.0000

41.0636, 0.3318,
0.3916

41.0636, 0.3318,
0.3916

39.8614, 0.3392,
0.4198

42.3990, 0.3240,
0.3645

38.7822, 0.3457,
0.4484

43.8670, 0.3160,
0.3390

37.8224, 0.3508,
0.4763

45.4737, 0.3082,
0.3156

36.9761, 0.3542,
0.5021

47.2232, 0.3006,
0.2941

36.2370, 0.3555,
0.5246

49.1196, 0.2934,
0.2747

■ 35.5977, 0.3545,
0.5426

■ 51.1667, 0.2866,
0.2573

■ 35.0495, 0.3511,
0.5554

■ 53.0699, 0.2833,
0.2459

■ 34.7618, 0.3486,
0.5614

■ 54.2013, 0.2889,
0.2472

■ 55.3843, 0.2945,
0.2485

Harmonies

Analogous

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



41.0636, 0.3633, 0.3888



41.0636, 0.3318, 0.3916



41.0636, 0.2964, 0.3747

Triad

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



41.0636, 0.3318, 0.3916



41.0636, 0.2479, 0.2838



41.0636, 0.3600, 0.3133

Complementary

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



41.0636, 0.3318, 0.3916



27.3032, 0.2897, 0.2652

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.



41.0636, 0.3265, 0.2889



41.0636, 0.3318, 0.3916



41.0636, 0.2626, 0.2717

Square

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



41.0636, 0.3318, 0.3916



41.0636, 0.2493, 0.3095



41.0636, 0.2908, 0.2739



41.0636, 0.3806, 0.3422

Rectangle

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



41.0636, 0.3318, 0.3916



41.0636, 0.2754, 0.3548



41.0636, 0.2908, 0.2739



41.0636, 0.3497, 0.3044

Sweetspot

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



41.0654, 0.3318, 0.3916



78.7392, 0.3184, 0.3464



33.9641, 0.3562, 0.3547



17.4095, 0.3188, 0.3478



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



41.0654, 0.3318, 0.3916



73.2772, 0.3358, 0.4066



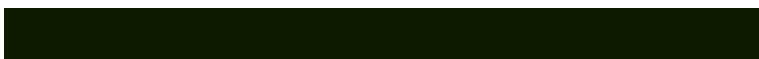
39.0406, 0.3126, 0.3954



9.7262, 0.3201, 0.3519



24.9101, 0.3494, 0.5608



0.8171, 0.3690, 0.5452

Inverse Universe

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



27.3032, 0.2897, 0.2652



43.9717, 0.2835, 0.2496



29.5820, 0.3117, 0.2693



8.3978, 0.3048, 0.3059



3.3873, 0.1888, 0.0814



0.1412, 0.2223, 0.0998

Previews

White Background



This preview shows how the Yxy color 41.0636, 0.3318, 0.3916 looks on a white background.

Color Contrast Check

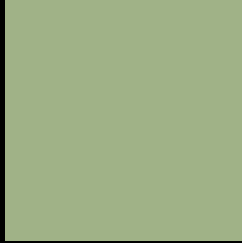
Large Text (above 18pt) WCAG AA × Fail

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 41.0636, 0.3318, 0.3916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

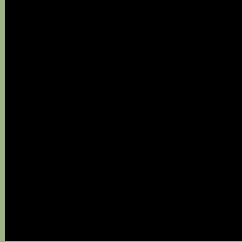
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0636, 0.3318, 0.3916

Background



This preview shows how black text looks on a background with the Yxy color 41.0636, 0.3318, 0.3916.



This preview shows how white text looks on a background with the Yxy color 41.0636, 0.3318, 0.3916.

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

41.0636, 0.3318, 0.3916

Protanopia

40.8590, 0.3582, 0.3825

Deuteranopia

40.8874, 0.3706, 0.3643



Tritanopia

40.8441, 0.2978, 0.3099

Trichromacy



Original Color

41.0636, 0.3318, 0.3916

Protanomaly

41.0795, 0.3485, 0.3865

Deuteranomaly

40.8699, 0.3560, 0.3740

Tritanomaly

40.9546, 0.3096, 0.3388

Monochromacy



Original Color

41.0636, 0.3318, 0.3916

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.9047, 0.3198, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0636, 0.3318, 0.3916 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(160, 178, 135)` looks like.

```
.text, #text, p{  
    color:rgb(160, 178, 135)  
}
```

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(160, 178, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 178, 135) }
```

Border

The CSS property to change the border of an element to Yxy 41.0636, 0.3318, 0.3916 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(160, 178, 135) }
```

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

```
.border{ border-color:rgb(160, 178, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 178, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 178, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 178, 135);  
box-shadow:4px 4px 4px 4px rgb(160, 178,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0636, 0.3318, 0.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 178, 135) }
```

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

```
.background{ background-color: rgb(160,  
178, 135) }
```

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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