

Converting Colors

$Yxy(41.6709, 0.3334, 0.3925)$

Have a look what the booklet for
Yxy(41.6709, 0.3334, 0.3925)
contains.

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Color

Yxy(41.6709, 0.3334, 0.3925)

Conversions

Conversions Part 1

Format	Color
Hex	A2B387
RGB	162, 179, 135
RGB Percent	64%, 70%, 53%
CMY	0.3646, 0.2980, 0.4706
CMYK	0.09, 0.00, 0.25, 0.30
HSL	83°, 22%, 62%
HSV	83°, 25%, 70%
XYZ	35.3964, 41.6709, 29.1006
YIQ	168.9010, 3.9920, -17.2880

Conversions

Conversions Part 2

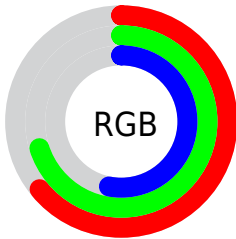
Format	Color
RYB	135, 179, 152
Decimal	10662791
CIELab	70.64, -13.73, 20.56
CIELCh	71, 24.722, 123.744
Yxy	41.6709, 0.3334, 0.3925
Android (android.graphics.Color)	4288852871 (0xFFA2B387)
YUV	168.9010, -16.7132, -6.0522
Hunter-Lab	64.5530, -15.0908, 18.4591

Details

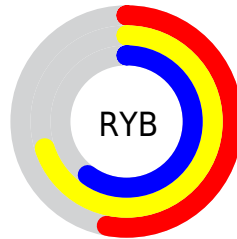
The Yxy color $41.6709, 0.3334, 0.3925$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $27.2581, 0.2878, 0.2638$, and the grayscale version is $39.7097, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.7992, 0.3300, 0.3809$, and $18.8926, 0.3388, 0.4121$ is the 20% darker color. If you saturate the color by 10%, you get $40.5062, 0.3413, 0.4205$, and if you desaturate by 10%, it is $42.9638, 0.3250, 0.3655$.

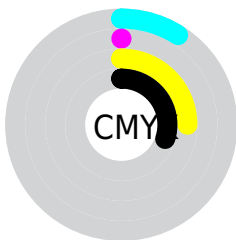
Distribution



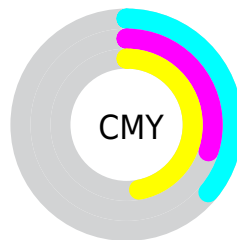
- Red (64%)
- Green (70%)
- Blue (53%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (25%)
- Black (30%)




- Cyan (36%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6709, 0.3334, 0.3925 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 41.6709, 0.3334, 0.3925 by changing the saturation by 10% instead.


 41.6709, 0.3334,
0.3925

 41.6709, 0.3334,
0.3925


353.1169, 0.3234,
0.3593


 28.8437, 0.3357,
0.4012


 77.7013, 0.3299,
0.3801

 18.9626, 0.3386,
0.4127


 101.6733, 0.3285,
0.3756

 11.6433, 0.3422,
0.4283


 130.1290, 0.3273,
0.3718

 6.5013, 0.3466,
0.4509


163.4528, 0.3263,
0.3685

 3.1522, 0.3516,
0.4860

202.0291, 0.3255,
0.3658

 1.2117, 0.3931,
0.6069

246.2422, 0.3247,

 0.0712, 0.0000,

0.3633

1.0000

296.4767, 0.3240,
0.3612

0.0000, 0.0000,
0.0000

41.6709, 0.3334,
0.3925

41.6709, 0.3334,
0.3925

40.5062, 0.3413,
0.4205

42.9638, 0.3250,
0.3655

39.4593, 0.3483,
0.4487

44.3840, 0.3166,
0.3400

38.5269, 0.3539,
0.4759

45.9375, 0.3082,
0.3165

37.7031, 0.3578,
0.5011

47.6286, 0.3002,
0.2949

36.9817, 0.3594,
0.5228

49.4610, 0.2925,
0.2753

■ 36.3554, 0.3587,
0.5400

■ 51.4384, 0.2853,
0.2576

■ 35.8155, 0.3557,
0.5522

■ 53.2181, 0.2821,
0.2467

■ 35.5490, 0.3535,
0.5575

■ 54.2567, 0.2872,
0.2479

■ 55.3397, 0.2924,
0.2491

Harmonies

Analogous

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



41.6709, 0.3648, 0.3888



41.6709, 0.3334, 0.3925



41.6709, 0.2976, 0.3762

Triad

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



41.6709, 0.3334, 0.3925



41.6709, 0.2471, 0.2842



41.6709, 0.3592, 0.3120

Complementary

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



41.6709, 0.3334, 0.3925



27.2581, 0.2878, 0.2638

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.



41.6709, 0.3251, 0.2877



41.6709, 0.3334, 0.3925



41.6709, 0.2613, 0.2714

Square

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



41.6709, 0.3334, 0.3925



41.6709, 0.2491, 0.3106



41.6709, 0.2892, 0.2731



41.6709, 0.3808, 0.3411

Rectangle

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



41.6709, 0.3334, 0.3925



41.6709, 0.2762, 0.3564



41.6709, 0.2892, 0.2731



41.6709, 0.3488, 0.3031

Sweetspot

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



41.6727, 0.3334, 0.3925



78.8225, 0.3187, 0.3463



33.7473, 0.3576, 0.3532



17.4294, 0.3192, 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.



41.6727, 0.3334, 0.3925



73.5815, 0.3374, 0.4062



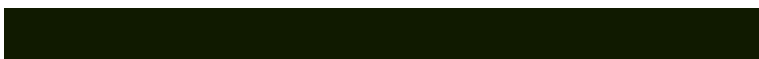
39.5769, 0.3139, 0.3965



9.7396, 0.3206, 0.3519



25.1591, 0.3542, 0.5569



0.8240, 0.3727, 0.5423

Inverse Universe

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



27.2581, 0.2878, 0.2638



43.6927, 0.2818, 0.2492



29.5674, 0.3102, 0.2680



8.3847, 0.3043, 0.3059



3.2315, 0.1836, 0.0785



0.1359, 0.2175, 0.0972

Previews

White Background



This preview shows how the Yxy color 41.6709, 0.3334, 0.3925 looks on a white background.

Color Contrast Check

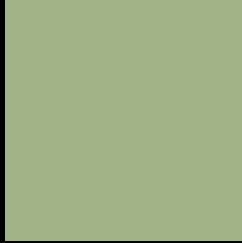
Large Text (above 18pt) WCAG AA × Fail

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 41.6709, 0.3334, 0.3925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

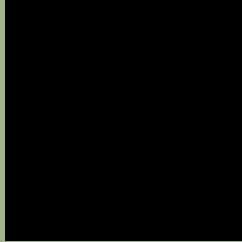
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6709, 0.3334, 0.3925

Background



This preview shows how black text looks on a background with the Yxy color 41.6709, 0.3334, 0.3925.



This preview shows how white text looks on a background with the Yxy color 41.6709, 0.3334, 0.3925.

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

41.6709, 0.3334, 0.3925

Protanopia

41.3613, 0.3588, 0.3836

Deuteranopia

41.5249, 0.3722, 0.3653



Tritanopia

41.4852, 0.2987, 0.3100

Trichromacy



Original Color

41.6709, 0.3334, 0.3925

Protanomaly

41.5835, 0.3492, 0.3876

Deuteranomaly

41.4968, 0.3576, 0.3750

Tritanomaly

41.5570, 0.3113, 0.3402

Monochromacy



Original Color

41.6709, 0.3334, 0.3925

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.4285, 0.3198, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6709, 0.3334, 0.3925 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(162, 179, 135)` looks like.

```
.text, #text, p{  
    color:rgb(162, 179, 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(162, 179, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 179, 135) }
```

Border

The CSS property to change the border of an element to Yxy 41.6709, 0.3334, 0.3925 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(162, 179, 135) }
```

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

```
.border{ border-color:rgb(162, 179, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 179, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 179, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 179, 135);  
box-shadow:4px 4px 4px 4px rgb(162, 179,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6709, 0.3334, 0.3925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 179, 135) }
```

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

```
.background{ background-color: rgb(162,  
179, 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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