

Converting Colors

$Yxy(41.7069, 0.3320, 0.3973)$

Have a look what the booklet for
Yxy(41.7069, 0.3320, 0.3973)
contains.

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Color

Yxy(41.7069, 0.3320, 0.3973)

Conversions

Conversions Part 1

Format	Color
Hex	9FB485
RGB	159, 180, 133
RGB Percent	62%, 71%, 52%
CMY	0.3765, 0.2941, 0.4783
CMYK	0.12, 0.00, 0.26, 0.29
HSL	87°, 24%, 61%
HSV	87°, 26%, 71%
XYZ	34.8520, 41.7069, 28.4170
YIQ	168.3630, 2.5710, -19.0690

Conversions

Conversions Part 2

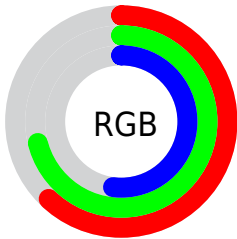
Format	Color
RYB	133, 180, 154
Decimal	10466437
CIELab	70.67, -15.69, 21.62
CIElCh	71, 26.713, 125.980
Yxy	41.7069, 0.3320, 0.3973
Android (android.graphics.Color)	4288656517 (0xFF9FB485)
YUV	168.3630, -17.4340, -8.2114
Hunter-Lab	64.5809, -16.6865, 19.1178

Details

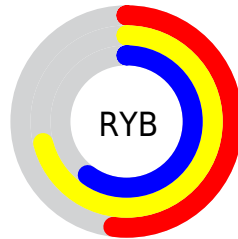
The Yxy color $41.7069, 0.3320, 0.3973$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $26.9576, 0.2889, 0.2599$, and the grayscale version is $39.4326, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.8322, 0.3290, 0.3846$, and $18.9291, 0.3368, 0.4190$ is the 20% darker color. If you saturate the color by 10%, you get $40.4558, 0.3387, 0.4260$, and if you desaturate by 10%, it is $43.1007, 0.3247, 0.3697$.

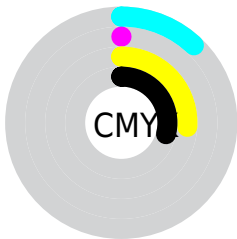
Distribution



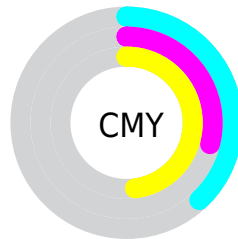
- Red (62%)
- Green (71%)
- Blue (52%)



- Red (52%)
- Yellow (71%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (26%)
- Black (29%)





- Cyan (38%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7069, 0.3320, 0.3973 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 41.7069, 0.3320, 0.3973 by changing the saturation by 10% instead.


 41.7069, 0.3320,
0.3973


 41.7069, 0.3320,
0.3973


353.2665, 0.3228,
0.3615


 28.8719, 0.3341,
0.4067


 77.7558, 0.3288,
0.3839

 18.9839, 0.3366,
0.4191


 101.7385, 0.3276,
0.3790

 11.6586, 0.3396,
0.4361


 130.2059, 0.3265,
0.3749

 6.5117, 0.3431,
0.4607

163.5423, 0.3256,
0.3714

 3.1586, 0.3464,
0.4988

202.1322, 0.3247,
0.3684

 1.2151, 0.3783,
0.6217

246.3599, 0.3240,

 0.0740, 0.0000,

0.3658

1.0000

296.6099, 0.3234,
0.3635

0.0000, 0.0000,
0.0000

41.7069, 0.3320,
0.3973

41.7069, 0.3320,
0.3973

40.4558, 0.3387,
0.4260

43.1007, 0.3247,
0.3697

39.3365, 0.3445,
0.4549

44.6366, 0.3173,
0.3438

38.3450, 0.3489,
0.4830

46.3213, 0.3098,
0.3199

37.4751, 0.3514,
0.5089

48.1593, 0.3026,
0.2981

36.7198, 0.3518,
0.5311

50.1548, 0.2957,
0.2784

■ 36.0711, 0.3499,
0.5486

■ 52.3119, 0.2892,
0.2607

■ 35.5189, 0.3459,
0.5609

■ 54.3715, 0.2858,
0.2486

■ 35.3217, 0.3441,
0.5650

■ 55.6247, 0.2919,
0.2500

■ 56.9388, 0.2980,
0.2514

Harmonies

Analogous

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



41.7069, 0.3667, 0.3945



41.7069, 0.3320, 0.3973



41.7069, 0.2935, 0.3782

Triad

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



41.7069, 0.3320, 0.3973



41.7069, 0.2427, 0.2790



41.7069, 0.3653, 0.3128

Complementary

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



41.7069, 0.3320, 0.3973



26.9576, 0.2889, 0.2599

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.



41.7069, 0.3289, 0.2863



41.7069, 0.3320, 0.3973



41.7069, 0.2591, 0.2666

Square

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



41.7069, 0.3320, 0.3973



41.7069, 0.2435, 0.3064



41.7069, 0.2900, 0.2697



41.7069, 0.3872, 0.3441

Rectangle

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



41.7069, 0.3320, 0.3973



41.7069, 0.2709, 0.3559



41.7069, 0.2900, 0.2697



41.7069, 0.3543, 0.3031

Sweetspot

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



41.7087, 0.3320, 0.3973



80.3378, 0.3188, 0.3490



34.3095, 0.3602, 0.3580



17.2722, 0.3199, 0.3528



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.



41.7087, 0.3320, 0.3973



74.3544, 0.3357, 0.4128



39.5883, 0.3119, 0.4017



9.7137, 0.3197, 0.3520



24.6907, 0.3449, 0.5643



0.8109, 0.3655, 0.5480

Inverse Universe

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



26.9576, 0.2889, 0.2599



43.2980, 0.2828, 0.2439



29.4137, 0.3124, 0.2646



8.4102, 0.3053, 0.3059



3.5467, 0.1940, 0.0842



0.1464, 0.2269, 0.1023

Previews

White Background



This preview shows how the Yxy color 41.7069, 0.3320, 0.3973 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 41.7069, 0.3320, 0.3973 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

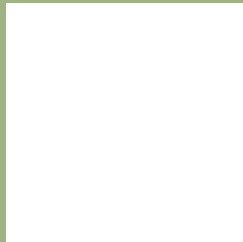
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.7069, 0.3320, 0.3973

Background



This preview shows how black text looks on a background with the Yxy color 41.7069, 0.3320, 0.3973.



This preview shows how white text looks on a background with the Yxy color 41.7069, 0.3320, 0.3973.

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

41.7069, 0.3320, 0.3973

Protanopia

41.4310, 0.3615, 0.3862

Deuteranopia

41.6066, 0.3751, 0.3678



Tritanopia

41.6905, 0.2963, 0.3100

Trichromacy



Original Color

41.7069, 0.3320, 0.3973

Protanomaly

41.5287, 0.3509, 0.3904

Deuteranomaly

41.3142, 0.3584, 0.3779

Tritanomaly

41.7332, 0.3095, 0.3416

Monochromacy



Original Color

41.7069, 0.3320, 0.3973

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.8709, 0.3206, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7069, 0.3320, 0.3973 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(159, 180, 133)` looks like.

```
.text, #text, p{  
    color:rgb(159, 180, 133)  
}
```

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(159, 180, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 180, 133) }
```

Border

The CSS property to change the border of an element to Yxy 41.7069, 0.3320, 0.3973 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(159, 180, 133) }
```

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

```
.border{ border-color:rgb(159, 180, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 180, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 180, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 180, 133);  
box-shadow:4px 4px 4px 4px rgb(159, 180,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7069, 0.3320, 0.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 180, 133) }
```

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

```
.background{ background-color: rgb(159,  
180, 133) }
```

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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