

Converting Colors

$Yxy(42.4454, 0.3252, 0.3596)$

Have a look what the booklet for
Yxy(42.4454, 0.3252, 0.3596)
contains.

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Color

Yxy(42.4688, 0.3255, 0.3596)

Conversions

Conversions Part 1

Format	Color
Hex	ABB19B
RGB	171, 177, 155
RGB Percent	67%, 69%, 61%
CMY	0.3292, 0.3059, 0.3921
CMYK	0.03, 0.00, 0.12, 0.31
HSL	76°, 12%, 65%
HSV	76°, 12%, 69%
XYZ	38.4416, 42.4688, 37.1897
YIQ	172.6980, 3.4860, -8.1140

Conversions

Conversions Part 2

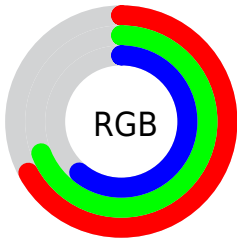
Format	Color
RYB	155, 177, 161
Decimal	11252123
CIELab	71.19, -6.07, 10.53
CIELCh	71, 12.153, 119.954
Yxy	42.4688, 0.3255, 0.3596
Android (android.graphics.Color)	4289442203 (0xFFABB19B)
YUV	172.6980, -8.7251, -1.4891
Hunter-Lab	65.1681, -8.7499, 11.7824

Details

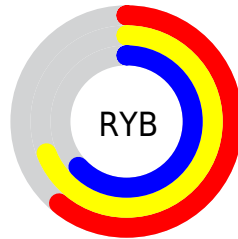
The Yxy color $42.4688, 0.3255, 0.3596$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $34.1967, 0.2989, 0.2976$, and the grayscale version is $41.6760, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.0500, 0.3231, 0.3547$, and $19.3367, 0.3294, 0.3678$ is the 20% darker color. If you saturate the color by 10%, you get $41.3905, 0.3358, 0.3857$, and if you desaturate by 10%, it is $43.6575, 0.3152, 0.3348$.

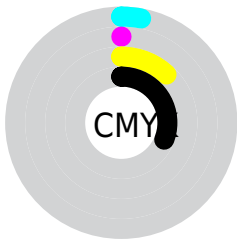
Distribution



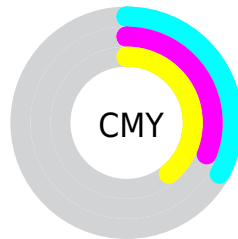
- Red (67%)
- Green (69%)
- Blue (61%)



- Red (61%)
- Yellow (69%)
- Blue (63%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (31%)





- Cyan (33%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4688, 0.3255, 0.3596 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 42.4688, 0.3255, 0.3596 by changing the saturation by 10% instead.


 42.4688, 0.3255,
0.3596


 42.4688, 0.3255,
0.3596


356.4226, 0.3191,
0.3439

 29.4686, 0.3271,
0.3637


 78.9086, 0.3232,
0.3538

 19.4356, 0.3291,
0.3690


 103.1170, 0.3223,
0.3516

 11.9854, 0.3318,
0.3762


131.8302, 0.3216,
0.3498

 6.7338, 0.3356,
0.3866

165.4327, 0.3209,
0.3483

 3.2962, 0.3410,
0.4029

204.3088, 0.3204,
0.3469

 1.2882, 0.3545,
0.4374

248.8428, 0.3199,

 0.1321, 0.0000,

0.3458

1.0000

299.4193, 0.3195,
0.3448

0.0000, 0.0000,
0.0000

42.4688, 0.3255,
0.3596

42.4688, 0.3255,
0.3596

41.3905, 0.3358,
0.3857

43.6575, 0.3152,
0.3348

40.4130, 0.3459,
0.4126

44.9547, 0.3051,
0.3115

39.5339, 0.3551,
0.4393

46.3659, 0.2955,
0.2901

38.7487, 0.3631,
0.4650

47.8945, 0.2865,
0.2706

38.0522, 0.3694,
0.4886

49.5435, 0.2781,
0.2529

■ 37.4390, 0.3734,
0.5088

■ 50.9095, 0.2742,
0.2426

■ 36.9025, 0.3751,
0.5248

■ 51.5784, 0.2777,
0.2434

■ 36.4354, 0.3742,
0.5362

■ 52.2680, 0.2812,
0.2443

■ 36.1153, 0.3724,
0.5425

■ 52.9787, 0.2848,
0.2451

Harmonies

Analogous

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



42.4688, 0.3400, 0.3576



42.4688, 0.3255, 0.3596



42.4688, 0.3079, 0.3528

Triad

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



42.4688, 0.3255, 0.3596



42.4688, 0.2794, 0.3088



42.4688, 0.3336, 0.3190

Complementary

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



42.4688, 0.3255, 0.3596



34.1967, 0.2989, 0.2976

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.



42.4688, 0.3168, 0.3068



42.4688, 0.3255, 0.3596



42.4688, 0.2858, 0.3007

Square

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



42.4688, 0.3255, 0.3596



42.4688, 0.2817, 0.3227



42.4688, 0.2994, 0.3002



42.4688, 0.3448, 0.3339

Rectangle

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



42.4688, 0.3255, 0.3596



42.4688, 0.2968, 0.3441



42.4688, 0.2994, 0.3002



42.4688, 0.3284, 0.3145

Sweetspot

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



42.4707, 0.3255, 0.3596



77.8335, 0.3169, 0.3388



37.1605, 0.3337, 0.3373



16.8327, 0.3176, 0.3406



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.



42.4707, 0.3255, 0.3596



75.5038, 0.3285, 0.3669



41.2963, 0.3157, 0.3605



9.7887, 0.3223, 0.3518



26.2010, 0.3729, 0.5421



0.8513, 0.3865, 0.5313

Inverse Universe

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



34.1967, 0.2989, 0.2976



57.6415, 0.2954, 0.2898



35.3785, 0.3092, 0.2985



8.3377, 0.3026, 0.3058



2.7796, 0.1679, 0.0699



0.1169, 0.1993, 0.0872

Previews

White Background



This preview shows how the Yxy color 42.4688, 0.3255, 0.3596 looks on a white background.

Color Contrast Check

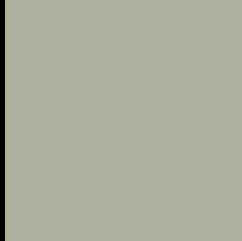
Large Text (above 18pt) WCAG AA × Fail

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 42.4688, 0.3255, 0.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

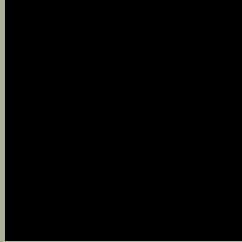
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

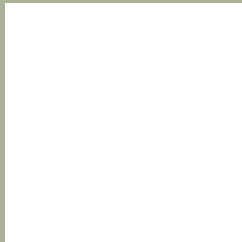
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.4688, 0.3255, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 42.4688, 0.3255, 0.3596.



This preview shows how white text looks on a background with the Yxy color 42.4688, 0.3255, 0.3596.

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

42.4688, 0.3255, 0.3596

Protanopia

42.5171, 0.3378, 0.3575

Deuteranopia

42.3099, 0.3499, 0.3434



Tritanopia

42.6624, 0.3048, 0.3117

Trichromacy



Original Color

42.4688, 0.3255, 0.3596

Protanomaly

42.4580, 0.3331, 0.3578

Deuteranomaly

42.2175, 0.3415, 0.3491

Tritanomaly

42.3659, 0.3119, 0.3276

Monochromacy



Original Color

42.4688, 0.3255, 0.3596

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7959, 0.3176, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4688, 0.3255, 0.3596 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(171, 177, 155)` looks like.

```
.text, #text, p{  
    color:rgb(171, 177, 155)  
}
```

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(171, 177, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 177, 155) }
```

Border

The CSS property to change the border of an element to Yxy 42.4688, 0.3255, 0.3596 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(171, 177, 155) }
```

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

```
.border{ border-color:rgb(171, 177, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 177, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 177, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 177, 155);  
box-shadow:4px 4px 4px 4px rgb(171, 177,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4688, 0.3255, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 177, 155) }
```

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

```
.background{ background-color: rgb(171,  
177, 155) }
```

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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