

Converting Colors

$Yxy(44.0320, 0.3257, 0.3696)$

Have a look what the booklet for
Yxy(44.0320, 0.3257, 0.3696)
contains.

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Color

Yxy(44.2689, 0.3263, 0.3706)

Conversions

Conversions Part 1

Format	Color
Hex	AAB698
RGB	170, 182, 152
RGB Percent	67%, 71%, 60%
CMY	0.3333, 0.2863, 0.4038
CMYK	0.07, 0.00, 0.16, 0.29
HSL	84°, 17%, 65%
HSV	84°, 16%, 71%
XYZ	38.9772, 44.2689, 36.2059
YIQ	174.9920, 2.4780, -11.8740

Conversions

Conversions Part 2

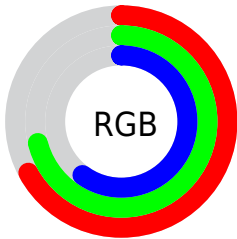
Format	Color
RYB	152, 182, 164
Decimal	11187864
CIELab	72.41, -9.60, 13.87
CIELCh	72, 16.864, 124.680
Yxy	44.2689, 0.3263, 0.3706
Android (android.graphics.Color)	4289377944 (0xFFAAB698)
YUV	174.9920, -11.3351, -4.3780
Hunter-Lab	66.5349, -11.8679, 14.3109

Details

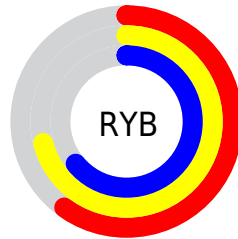
The Yxy color $44.2689, 0.3263, 0.3706$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $33.7346, 0.2974, 0.2868$, and the grayscale version is $42.9271, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.6129, 0.3239, 0.3632$, and $20.4917, 0.3303, 0.3830$ is the 20% darker color. If you saturate the color by 10%, you get $42.9308, 0.3344, 0.3980$, and if you desaturate by 10%, it is $45.7472, 0.3180, 0.3447$.

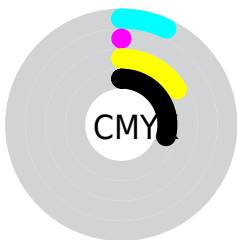
Distribution



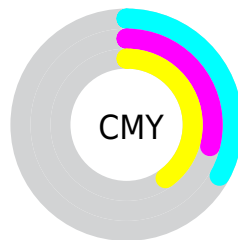
- Red (67%)
- Green (71%)
- Blue (60%)



- Red (60%)
- Yellow (71%)
- Blue (64%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (29%)





- Cyan (33%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2689, 0.3263, 0.3706 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 44.2689, 0.3263, 0.3706 by changing the saturation by 10% instead.


 44.2689, 0.3263,
0.3706


 44.2689, 0.3263,
0.3706


363.8045, 0.3197,
0.3492

 30.8820, 0.3279,
0.3761


 81.6222, 0.3239,
0.3627

 20.5090, 0.3299,
0.3833


 106.3574, 0.3230,
0.3598

 12.7656, 0.3325,
0.3931


135.6441, 0.3223,
0.3573

 7.2673, 0.3360,
0.4071

169.8667, 0.3216,
0.3552

 3.6298, 0.3406,
0.4287

209.4097, 0.3210,
0.3534

 1.4687, 0.3539,
0.4757

254.6574, 0.3205,

 0.2666, 0.0669,

0.3518

0.9331

305.9942, 0.3201,
0.3505

0.0000, 0.0000,
0.0000

44.2689, 0.3263,
0.3706

44.2689, 0.3263,
0.3706

42.9308, 0.3344,
0.3980

45.7472, 0.3180,
0.3447

41.7223, 0.3419,
0.4262

47.3646, 0.3098,
0.3208

40.6401, 0.3484,
0.4545

49.1273, 0.3019,
0.2988

39.6786, 0.3535,
0.4818

51.0394, 0.2944,
0.2788

38.8315, 0.3568,
0.5066

53.1050, 0.2872,
0.2609

■ 38.0921, 0.3577,
0.5278

■ 54.9206, 0.2847,
0.2505

■ 37.4525, 0.3564,
0.5443

■ 56.0374, 0.2901,
0.2517

■ 36.9023, 0.3528,
0.5558

■ 57.2037, 0.2955,
0.2529

■ 36.7224, 0.3513,
0.5593

■ 58.4200, 0.3011,
0.2542

Harmonies

Analogous

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



44.2689, 0.3473, 0.3694



44.2689, 0.3263, 0.3706



44.2689, 0.3022, 0.3594

Triad

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



44.2689, 0.3263, 0.3706



44.2689, 0.2682, 0.2988



44.2689, 0.3444, 0.3183

Complementary

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



44.2689, 0.3263, 0.3706



33.7346, 0.2974, 0.2868

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.



44.2689, 0.3220, 0.3012



44.2689, 0.3263, 0.3706



44.2689, 0.2784, 0.2898

Square

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



44.2689, 0.3263, 0.3706



44.2689, 0.2693, 0.3166



44.2689, 0.2979, 0.2909



44.2689, 0.3582, 0.3385

Rectangle

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



44.2689, 0.3263, 0.3706



44.2689, 0.2877, 0.3465



44.2689, 0.2979, 0.2909



44.2689, 0.3376, 0.3121

Sweetspot

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



44.2708, 0.3263, 0.3706



83.3321, 0.3169, 0.3413



38.5899, 0.3409, 0.3449



18.3617, 0.3175, 0.3430



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.2708, 0.3263, 0.3706



79.2959, 0.3295, 0.3810



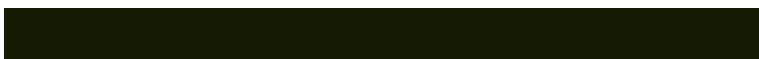
42.7430, 0.3136, 0.3722



10.3195, 0.3204, 0.3520



25.9731, 0.3520, 0.5587



0.9506, 0.3695, 0.5448

Inverse Universe

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



33.7346, 0.2974, 0.2868



56.3372, 0.2932, 0.2760



35.3659, 0.3112, 0.2885



8.8899, 0.3045, 0.3058



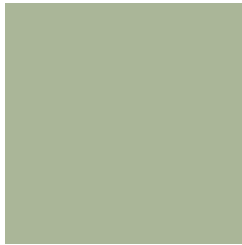
3.4148, 0.1857, 0.0797



0.1567, 0.2165, 0.0966

Previews

White Background



This preview shows how the Yxy color 44.2689, 0.3263, 0.3706 looks on a white background.

Color Contrast Check

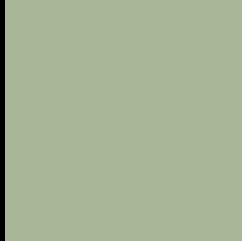
Large Text (above 18pt) WCAG AA × Fail

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 44.2689, 0.3263, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

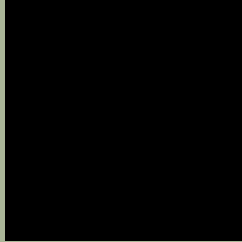
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

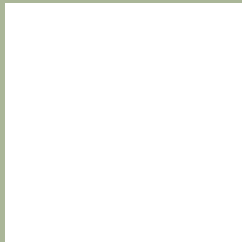
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2689, 0.3263, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 44.2689, 0.3263, 0.3706.



This preview shows how white text looks on a background with the Yxy color 44.2689, 0.3263, 0.3706.

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

44.2689, 0.3263, 0.3706

Protanopia

44.2111, 0.3445, 0.3650

Deuteranopia

44.1554, 0.3576, 0.3507



Tritanopia

44.4360, 0.3008, 0.3106

Trichromacy



Original Color

44.2689, 0.3263, 0.3706

Protanomaly

44.2983, 0.3376, 0.3669

Deuteranomaly

44.0362, 0.3461, 0.3580

Tritanomaly

44.4132, 0.3100, 0.3317

Monochromacy



Original Color

44.2689, 0.3263, 0.3706

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.5150, 0.3173, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2689, 0.3263, 0.3706 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(170, 182, 152)` looks like.

```
.text, #text, p{  
    color:rgb(170, 182, 152)  
}
```

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(170, 182, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 182, 152) }
```

Border

The CSS property to change the border of an element to Yxy 44.2689, 0.3263, 0.3706 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(170, 182, 152) }
```

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

```
.border{ border-color:rgb(170, 182, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 182, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 182, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 182, 152);  
box-shadow:4px 4px 4px 4px rgb(170, 182,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2689, 0.3263, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 182, 152) }
```

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

```
.background{ background-color: rgb(170,  
182, 152) }
```

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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