

Converting Colors

$Yxy(44.6333, 0.3222, 0.3598)$

Have a look what the booklet for
Yxy(44.6333, 0.3222, 0.3598)
contains.

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Color

Yxy(44.7298, 0.3224, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	ACB69F
RGB	172, 182, 159
RGB Percent	67%, 71%, 62%
CMY	0.3257, 0.2862, 0.3765
CMYK	0.06, 0.00, 0.13, 0.29
HSL	86°, 14%, 67%
HSV	86°, 13%, 71%
XYZ	39.9914, 44.7298, 39.3215
YIQ	176.3880, 1.4230, -9.2730

Conversions

Conversions Part 2

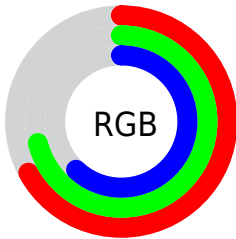
Format	Color
RYB	159, 182, 169
Decimal	11318943
CIELab	72.71, -7.72, 10.53
CIELCh	73, 13.056, 126.244
Yxy	44.7298, 0.3224, 0.3606
Android (android.graphics.Color)	4289509023 (0xFFACB69F)
YUV	176.3880, -8.5723, -3.8483
Hunter-Lab	66.8803, -10.3058, 11.9574

Details

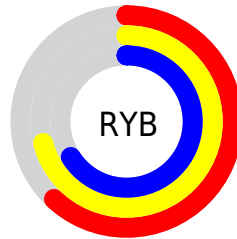
The Yxy color **44.7298, 0.3224, 0.3606** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **36.6114, 0.3021, 0.2972**, and the grayscale version is **43.6716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3350, 0.3202, 0.3544**, and **20.7763, 0.3250, 0.3689** is the 20% darker color. If you saturate the color by 10%, you get **43.2730, 0.3300, 0.3876**, and if you desaturate by 10%, it is **46.3374, 0.3147, 0.3354**.

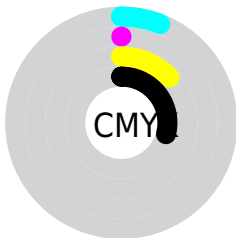
Distribution



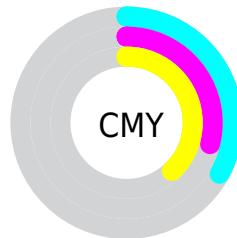
- Red (67%)
- Green (71%)
- Blue (62%)



- Red (62%)
- Yellow (71%)
- Blue (66%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)




- Cyan (33%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7298, 0.3224, 0.3606 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 44.7298, 0.3224, 0.3606 by changing the saturation by 10% instead.


 44.7298, 0.3224,
0.3606

 44.7298, 0.3224,
0.3606


365.6781, 0.3176,
0.3445

 31.2447, 0.3236,
0.3647


 82.3148, 0.3207,
0.3546

 20.7852, 0.3250,
0.3701

 107.1834, 0.3200,
0.3524

 12.9671, 0.3269,
0.3775


136.6154, 0.3195,
0.3506

 7.4059, 0.3295,
0.3879

170.9950, 0.3190,
0.3490

 3.7172, 0.3331,
0.4040

210.7067, 0.3186,
0.3476

 1.5167, 0.3394,
0.4332

256.1348, 0.3183,

 0.3004, 0.2443,

0.3464

0.7557

307.6639, 0.3179,
0.3454

0.0000, 0.0000,
0.0000

44.7298, 0.3224,
0.3606

44.7298, 0.3224,
0.3606

43.2730, 0.3300,
0.3876

46.3374, 0.3147,
0.3354

41.9561, 0.3371,
0.4160

48.0947, 0.3072,
0.3121

40.7758, 0.3434,
0.4448

50.0080, 0.2999,
0.2910

39.7264, 0.3485,
0.4732

52.0818, 0.2930,
0.2720

38.8018, 0.3519,
0.4998

54.3199, 0.2865,
0.2549

■ 37.9950, 0.3532,
0.5232

■ 55.8468, 0.2891,
0.2515

■ 37.2984, 0.3522,
0.5422

■ 57.1148, 0.2951,
0.2528

■ 36.7029, 0.3490,
0.5561

■ 58.4425, 0.3011,
0.2542

■ 36.3172, 0.3457,
0.5637

■ 59.8308, 0.3072,
0.2556

Harmonies

Analogous

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



44.7298, 0.3388, 0.3604



44.7298, 0.3224, 0.3606



44.7298, 0.3038, 0.3516

Triad

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



44.7298, 0.3224, 0.3606



44.7298, 0.2783, 0.3052



44.7298, 0.3379, 0.3216

Complementary

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



44.7298, 0.3224, 0.3606



36.6114, 0.3021, 0.2972

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.



44.7298, 0.3210, 0.3079



44.7298, 0.3224, 0.3606



44.7298, 0.2868, 0.2984

Square

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



44.7298, 0.3224, 0.3606



44.7298, 0.2787, 0.3189



44.7298, 0.3023, 0.2995



44.7298, 0.3480, 0.3375

Rectangle

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



44.7298, 0.3224, 0.3606



44.7298, 0.2926, 0.3416



44.7298, 0.3023, 0.2995



44.7298, 0.3328, 0.3166

Sweetspot

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



44.7317, 0.3224, 0.3606



83.5627, 0.3158, 0.3388



40.8143, 0.3335, 0.3426



18.4066, 0.3164, 0.3407



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.



44.7317, 0.3224, 0.3606



80.3676, 0.3244, 0.3675



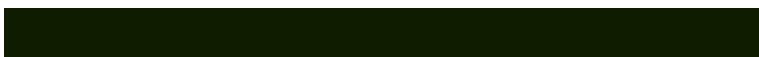
43.4937, 0.3125, 0.3616



10.3028, 0.3199, 0.3520



25.6812, 0.3464, 0.5631



0.9413, 0.3651, 0.5483

Inverse Universe

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



36.6114, 0.3021, 0.2972



62.9360, 0.2996, 0.2902



37.9322, 0.3127, 0.2982



8.9062, 0.3051, 0.3058



3.6124, 0.1920, 0.0831



0.1641, 0.2223, 0.0998

Previews

White Background



This preview shows how the Yxy color 44.7298, 0.3224, 0.3606 looks on a white background.

Color Contrast Check

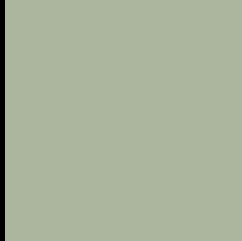
Large Text (above 18pt) WCAG AA × Fail

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 44.7298, 0.3224, 0.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

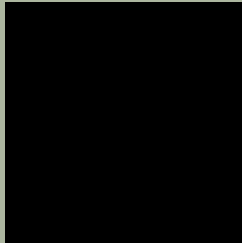
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

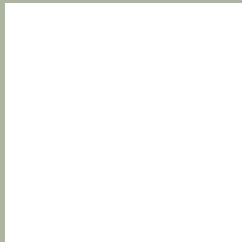
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7298, 0.3224, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 44.7298, 0.3224, 0.3606.



This preview shows how white text looks on a background with the Yxy color 44.7298, 0.3224, 0.3606.

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

44.7298, 0.3224, 0.3606

Protanopia

44.7142, 0.3373, 0.3569

Deuteranopia

44.6348, 0.3500, 0.3431



Tritanopia

44.5530, 0.3016, 0.3106

Trichromacy



Original Color

44.7298, 0.3224, 0.3606

Protanomaly

44.5326, 0.3317, 0.3573

Deuteranomaly

44.6651, 0.3397, 0.3500

Tritanomaly

44.6088, 0.3093, 0.3290

Monochromacy



Original Color

44.7298, 0.3224, 0.3606

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.8570, 0.3166, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7298, 0.3224, 0.3606 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(172, 182, 159)` looks like.

```
.text, #text, p{  
    color:rgb(172, 182, 159)  
}
```

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(172, 182, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 182, 159) }
```

Border

The CSS property to change the border of an element to Yxy 44.7298, 0.3224, 0.3606 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(172, 182, 159) }
```

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

```
.border{ border-color:rgb(172, 182, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 182, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 182, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 182, 159);  
box-shadow:4px 4px 4px 4px rgb(172, 182,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7298, 0.3224, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 182, 159) }
```

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

```
.background{ background-color: rgb(172,  
182, 159) }
```

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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