

Converting Colors

$Y_{xy}(44.1018, 0.3225, 0.3739)$

Have a look what the booklet for
Yxy(44.1018, 0.3225, 0.3739)
contains.

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Color

Yxy(44.1007, 0.3226, 0.3740)

Conversions

Conversions Part 1

Format	Color
Hex	A5B797
RGB	165, 183, 151
RGB Percent	65%, 72%, 59%
CMY	0.3528, 0.2824, 0.4079
CMYK	0.10, 0.00, 0.17, 0.28
HSL	94°, 18%, 65%
HSV	94°, 17%, 72%
XYZ	38.0398, 44.1007, 35.7758
YIQ	173.9700, -0.4560, -13.7680

Conversions

Conversions Part 2

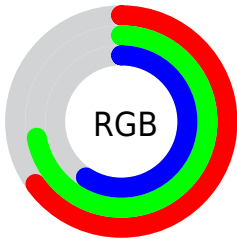
Format	Color
RYB	151, 183, 169
Decimal	10860439
CIELab	72.30, -12.11, 14.23
CIElCh	72, 18.685, 130.417
Yxy	44.1007, 0.3226, 0.3740
Android (android.graphics.Color)	4289050519 (0xFFA5B797)
YUV	173.9700, -11.3242, -7.8667
Hunter-Lab	66.4084, -13.9669, 14.5449

Details

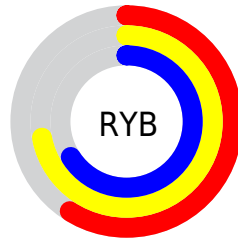
The Yxy color $44.1007, 0.3226, 0.3740$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $33.9741, 0.3012, 0.2846$, and the grayscale version is $42.3733, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.3564, 0.3210, 0.3657$, and $20.3961, 0.3251, 0.3879$ is the 20% darker color. If you saturate the color by 10%, you get $42.4960, 0.3279, 0.4026$, and if you desaturate by 10%, it is $45.8899, 0.3170, 0.3474$.

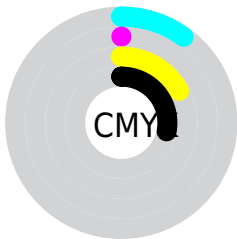
Distribution



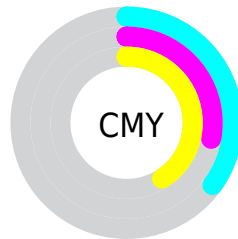
- Red (65%)
- Green (72%)
- Blue (59%)



- Red (59%)
- Yellow (72%)
- Blue (66%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (28%)





- Cyan (35%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1007, 0.3226, 0.3740 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 44.1007, 0.3226, 0.3740 by changing the saturation by 10% instead.


 44.1007, 0.3226,
0.3740


 44.1007, 0.3226,
0.3740

363.1190, 0.3179,
0.3508

 30.7497, 0.3237,
0.3800


 81.3693, 0.3209,
0.3654

 20.4083, 0.3250,
0.3879


 106.0556, 0.3203,
0.3622

 12.6922, 0.3267,
0.3987


135.2891, 0.3198,
0.3595

 7.2169, 0.3288,
0.4141

169.4543, 0.3193,
0.3573

 3.5981, 0.3314,
0.4382

208.9355, 0.3189,
0.3553

 1.4514, 0.3420,
0.4925

254.1171, 0.3185,

 0.2542, 0.0000,

0.3536

1.0000

305.3835, 0.3182,
0.3521

0.0000, 0.0000,
0.0000

44.1007, 0.3226,
0.3740

44.1007, 0.3226,
0.3740

42.4960, 0.3279,
0.4026

45.8899, 0.3170,
0.3474

41.0638, 0.3326,
0.4325

47.8639, 0.3113,
0.3231

39.7992, 0.3364,
0.4630

50.0303, 0.3057,
0.3012

38.6952, 0.3388,
0.4927

52.3944, 0.3003,
0.2815

37.7437, 0.3395,
0.5201

54.9614, 0.2952,
0.2640

■ 36.9362, 0.3382,
0.5436

■ 57.3586, 0.2944,
0.2537

■ 36.2629, 0.3349,
0.5618

■ 59.0749, 0.3021,
0.2554

■ 35.7101, 0.3300,
0.5744

■ 60.8923, 0.3100,
0.2572

■ 35.5855, 0.3287,
0.5772

■ 62.3462, 0.3160,
0.2585

Harmonies

Analogous

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



44.1007, 0.3472, 0.3752



44.1007, 0.3226, 0.3740



44.1007, 0.2961, 0.3591

Triad

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



44.1007, 0.3226, 0.3740



44.1007, 0.2647, 0.2927



44.1007, 0.3517, 0.3213

Complementary

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



44.1007, 0.3226, 0.3740



33.9741, 0.3012, 0.2846

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.



44.1007, 0.3281, 0.3014



44.1007, 0.3226, 0.3740



44.1007, 0.2782, 0.2850

Square

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



44.1007, 0.3226, 0.3740



44.1007, 0.2635, 0.3108



44.1007, 0.3011, 0.2884



44.1007, 0.3646, 0.3436

Rectangle

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



44.1007, 0.3226, 0.3740



44.1007, 0.2809, 0.3438



44.1007, 0.3011, 0.2884



44.1007, 0.3447, 0.3141

Sweetspot

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



44.1026, 0.3226, 0.3740



83.0128, 0.3156, 0.3414



40.5241, 0.3418, 0.3531



18.2818, 0.3160, 0.3431



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.



44.1026, 0.3226, 0.3740



77.8435, 0.3247, 0.3848



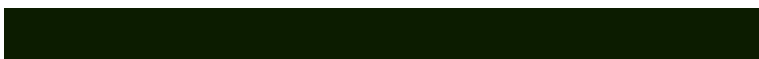
42.7295, 0.3093, 0.3733



10.2478, 0.3180, 0.3522



24.8649, 0.3296, 0.5765



0.9133, 0.3508, 0.5597

Inverse Universe

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



33.9741, 0.3012, 0.2846



56.3032, 0.2982, 0.2741



35.5459, 0.3162, 0.2884



8.9613, 0.3070, 0.3060



4.4248, 0.2160, 0.0963



0.1920, 0.2427, 0.1111

Previews

White Background



This preview shows how the Yxy color 44.1007, 0.3226, 0.3740 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 44.1007, 0.3226, 0.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

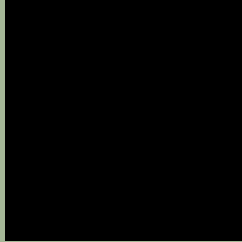
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

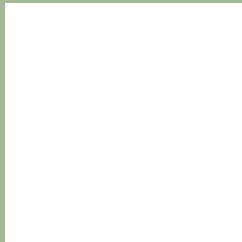
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1007, 0.3226, 0.3740

Background



This preview shows how black text looks on a background with the Yxy color 44.1007, 0.3226, 0.3740.



This preview shows how white text looks on a background with the Yxy color 44.1007, 0.3226, 0.3740.

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

44.1007, 0.3226, 0.3740

Protanopia

44.1472, 0.3462, 0.3677

Deuteranopia

43.7791, 0.3579, 0.3495



Tritanopia

43.8638, 0.2966, 0.3104

Trichromacy



Original Color

44.1007, 0.3226, 0.3740

Protanomaly

43.9938, 0.3374, 0.3699

Deuteranomaly

43.7787, 0.3442, 0.3582

Tritanomaly

43.8098, 0.3065, 0.3331

Monochromacy



Original Color

44.1007, 0.3226, 0.3740

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.8554, 0.3164, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1007, 0.3226, 0.3740 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(165, 183, 151)` looks like.

```
.text, #text, p{  
    color:rgb(165, 183, 151)  
}
```

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(165, 183, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 183, 151) }
```

Border

The CSS property to change the border of an element to Yxy 44.1007, 0.3226, 0.3740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

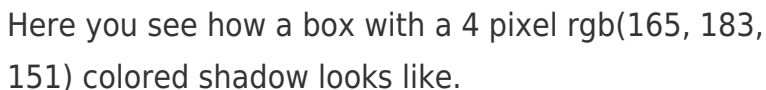
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 183, 151) }
```

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

```
.border{ border-color:rgb(165, 183, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 183, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 183, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 183, 151); box-shadow:4px 4px 4px 4px rgb(165, 183, 151) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1007, 0.3226, 0.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 183, 151) }
```

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

```
.background{ background-color: rgb(165,  
183, 151) }
```

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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