

Converting Colors

$Yxy(47.8656, 0.3224, 0.3659)$

Have a look what the booklet for
Yxy(47.8656, 0.3224, 0.3659)
contains.

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Color

Yxy(48.0824, 0.3226, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	AFBDA1
RGB	175, 189, 161
RGB Percent	69%, 74%, 63%
CMY	0.3137, 0.2588, 0.3687
CMYK	0.07, 0.00, 0.15, 0.26
HSL	90°, 18%, 69%
HSV	90°, 15%, 74%
XYZ	42.3115, 48.0824, 40.7638
YIQ	181.6220, 0.6440, -11.6760

Conversions

Conversions Part 2

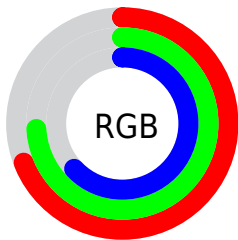
Format	Color
RYB	161, 189, 175
Decimal	11517345
CIELab	74.88, -9.93, 12.54
CIELCh	75, 15.997, 128.388
Yxy	48.0824, 0.3226, 0.3666
Android (android.graphics.Color)	4289707425 (0xFFAFBDA1)
YUV	181.6220, -10.1666, -5.8075
Hunter-Lab	69.3415, -12.4287, 13.6842

Details

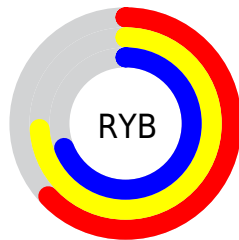
The Yxy color **48.0824, 0.3226, 0.3666** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.2718, 0.3016, 0.2914**, and the grayscale version is **46.6207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2516, 0.3211, 0.3591**, and **22.8500, 0.3250, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **46.4131, 0.3291, 0.3944**, and if you desaturate by 10%, it is **49.9330, 0.3159, 0.3407**.

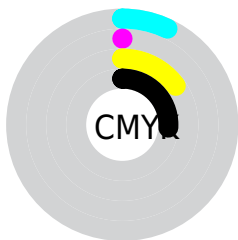
Distribution



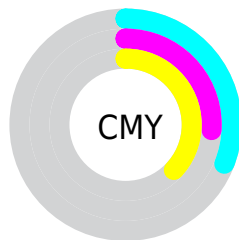
- Red (69%)
- Green (74%)
- Blue (63%)



- Red (63%)
- Yellow (74%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (26%)





- Cyan (31%)
- Magenta (26%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0824, 0.3226, 0.3666 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 48.0824, 0.3226, 0.3666 by changing the saturation by 10% instead.


 48.0824, 0.3226,
0.3666


 48.0824, 0.3226,
0.3666

379.1186, 0.3179,
0.3475

 33.8921, 0.3237,
0.3714


 87.3271, 0.3209,
0.3596

 22.8108, 0.3251,
0.3777


 113.1503, 0.3203,
0.3570

 14.4538, 0.3269,
0.3861


143.6199, 0.3197,
0.3548

 8.4370, 0.3292,
0.3980

179.1204, 0.3193,
0.3529

 4.3758, 0.3323,
0.4161

220.0362, 0.3188,
0.3513

 1.8859, 0.3363,
0.4466

266.7515, 0.3185,

 0.5399, 0.3339,

0.3499

0.6661

319.6509, 0.3182,
0.3487

0.0000, 0.0000,
0.0000

48.0824, 0.3226,
0.3666

48.0824, 0.3226,
0.3666

46.4131, 0.3291,
0.3944

49.9330, 0.3159,
0.3407

44.9127, 0.3350,
0.4236

51.9644, 0.3093,
0.3170

43.5770, 0.3401,
0.4533

54.1840, 0.3028,
0.2955

42.3990, 0.3438,
0.4825

56.5972, 0.2967,
0.2762

41.3711, 0.3458,
0.5096

59.1771, 0.2912,
0.2594

■ 40.4851, 0.3457,
0.5333

■ 60.7110, 0.2982,
0.2608

■ 39.7315, 0.3435,
0.5522

■ 62.3297, 0.3052,
0.2622

■ 39.0993, 0.3392,
0.5655

■ 64.0344, 0.3123,
0.2637

■ 38.8091, 0.3366,
0.5709

■ 64.8759, 0.3157,
0.2644

Harmonies

Analogous

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



48.0824, 0.3426, 0.3670



48.0824, 0.3226, 0.3666



48.0824, 0.3004, 0.3550

Triad

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



48.0824, 0.3226, 0.3666



48.0824, 0.2721, 0.2996



48.0824, 0.3440, 0.3214

Complementary

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



48.0824, 0.3226, 0.3666



38.2718, 0.3016, 0.2914

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.



48.0824, 0.3241, 0.3049



48.0824, 0.3226, 0.3666



48.0824, 0.2828, 0.2923

Square

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



48.0824, 0.3226, 0.3666



48.0824, 0.2718, 0.3153



48.0824, 0.3017, 0.2944



48.0824, 0.3554, 0.3402

Rectangle

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



48.0824, 0.3226, 0.3666



48.0824, 0.2874, 0.3427



48.0824, 0.3017, 0.2944



48.0824, 0.3381, 0.3155

Sweetspot

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



48.0845, 0.3226, 0.3666



89.6921, 0.3154, 0.3388



43.8688, 0.3373, 0.3469



19.2313, 0.3159, 0.3407



95.5105, 0.3127, 0.3290



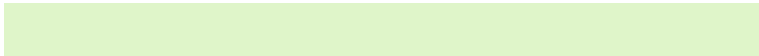
19.5994, 0.3127, 0.3290

Same Dimension

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



48.0845, 0.3226, 0.3666



85.0445, 0.3249, 0.3760



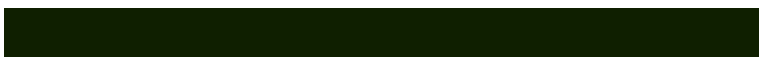
46.5934, 0.3113, 0.3679



10.8779, 0.3190, 0.3522



26.1570, 0.3375, 0.5702



1.0635, 0.3561, 0.5554

Inverse Universe

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



38.2718, 0.3016, 0.2914



63.8770, 0.2986, 0.2820



39.9200, 0.3140, 0.2929



9.4530, 0.3060, 0.3058



4.1318, 0.2033, 0.0894



0.2007, 0.2300, 0.1041

Previews

White Background



This preview shows how the Yxy color 48.0824, 0.3226, 0.3666 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 48.0824, 0.3226, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

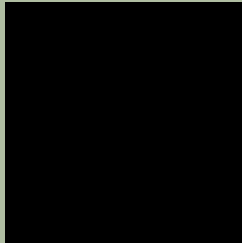
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

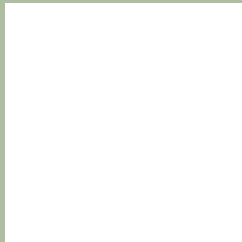
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.0824, 0.3226, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 48.0824, 0.3226, 0.3666.



This preview shows how white text looks on a background with the Yxy color 48.0824, 0.3226, 0.3666.

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

48.0824, 0.3226, 0.3666

Protanopia

48.0871, 0.3416, 0.3626

Deuteranopia

47.6439, 0.3535, 0.3464



Tritanopia

48.1820, 0.2996, 0.3111

Trichromacy



Original Color

48.0824, 0.3226, 0.3666

Protanomaly

48.0601, 0.3341, 0.3644

Deuteranomaly

47.5267, 0.3425, 0.3533

Tritanomaly

48.2043, 0.3077, 0.3303

Monochromacy



Original Color

48.0824, 0.3226, 0.3666

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.3376, 0.3162, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0824, 0.3226, 0.3666 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(175, 189, 161)` looks like.

```
.text, #text, p{  
    color:rgb(175, 189, 161)  
}
```

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(175, 189, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 189, 161) }
```

Border

The CSS property to change the border of an element to Yxy 48.0824, 0.3226, 0.3666 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(175, 189, 161) }
```

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

```
.border{ border-color:rgb(175, 189, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 189, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 189, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 189, 161); box-shadow:4px 4px 4px 4px rgb(175, 189, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0824, 0.3226, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 189, 161) }
```

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

```
.background{ background-color: rgb(175,  
189, 161) }
```

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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