

Converting Colors

$Yxy(44.7831, 0.3562, 0.3962)$

Have a look what the booklet for
Yxy(44.7831, 0.3562, 0.3962)
contains.

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Color

Yxy(44.8768, 0.3566, 0.3962)

Conversions

Conversions Part 1

Format	Color
Hex	B8B583
RGB	184, 181, 131
RGB Percent	72%, 71%, 51%
CMY	0.2783, 0.2902, 0.4863
CMYK	0.00, 0.02, 0.29, 0.28
HSL	57°, 27%, 62%
HSV	57°, 29%, 72%
XYZ	40.3914, 44.8768, 27.9999
YIQ	176.1970, 17.8380, -14.9140

Conversions

Conversions Part 2

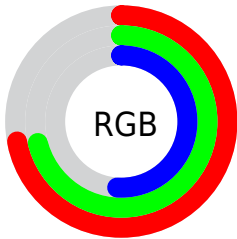
Format	Color
RYB	134, 184, 131
Decimal	12105091
CIELab	72.81, -6.89, 25.94
CIElCh	73, 26.839, 104.880
Yxy	44.8768, 0.3566, 0.3962
Android (android.graphics.Color)	4290295171 (0xFFB8B583)
YUV	176.1970, -22.2821, 6.8432
Hunter-Lab	66.9901, -9.6071, 22.1117

Details

The Yxy color $44.8768, 0.3566, 0.3962$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $25.3394, 0.2635, 0.2516$, and the grayscale version is $43.6378, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.7298, 0.3493, 0.3843$, and $20.7783, 0.3681, 0.4155$ is the 20% darker color. If you saturate the color by 10%, you get $43.9978, 0.3719, 0.4191$, and if you desaturate by 10%, it is $45.8517, 0.3410, 0.3726$.

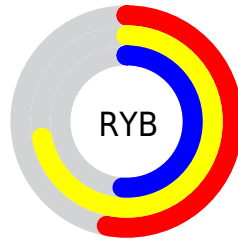
Distribution



Red (72%)

Green (71%)

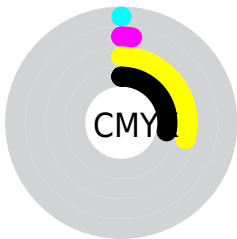
Blue (51%)



Red (53%)

Yellow (72%)

Blue (51%)

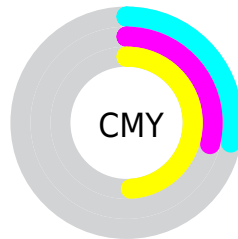


Cyan (0%)

Magenta (2%)

Yellow (29%)

Black (28%)



Cyan (28%)

Magenta (29%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8768, 0.3566, 0.3962 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 44.8768, 0.3566, 0.3962 by changing the saturation by 10% instead.

■ 44.8768, 0.3566,
0.3962

■ 44.8768, 0.3566,
0.3962

366.2744, 0.3350,
0.3621

■ 31.3604, 0.3618,
0.4048

■ 82.5355, 0.3489,
0.3837

■ 20.8734, 0.3683,
0.4158

■ 107.4466, 0.3460,
0.3791

■ 13.0315, 0.3766,
0.4303

■ 136.9247, 0.3434,
0.3751

■ 7.4503, 0.3873,
0.4503

171.3542, 0.3413,
0.3718

■ 3.7452, 0.4013,
0.4790

211.1196, 0.3394,
0.3689

■ 1.5321, 0.4447,
0.5553

256.6051, 0.3378,

■ 0.3112, 0.2907,

0.3663

0.7093

308.1952, 0.3363,
0.3641

0.0000, 0.0000,
0.0000

44.8768, 0.3566,
0.3962

44.8768, 0.3566,
0.3962

43.9978, 0.3719,
0.4191

45.8517, 0.3410,
0.3726

43.2040, 0.3864,
0.4405

46.9207, 0.3257,
0.3491

42.4922, 0.3996,
0.4594

48.0900, 0.3110,
0.3264

41.8567, 0.4107,
0.4748

49.3633, 0.2971,
0.3047

41.2911, 0.4194,
0.4863

50.7444, 0.2842,
0.2845

■ 40.7877, 0.4255,
0.4934

■ 52.2367, 0.2724,
0.2657

■ 40.3335, 0.4292,
0.4967

■ 53.5301, 0.2643,
0.2532

■ 40.2812, 0.4296,
0.4971

■ 53.9817, 0.2645,
0.2544

■ 54.4365, 0.2646,
0.2557

Harmonies

Analogous

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



44.8768, 0.3819, 0.3805



44.8768, 0.3566, 0.3962



44.8768, 0.3204, 0.3925

Triad

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



44.8768, 0.3566, 0.3962



44.8768, 0.2427, 0.2976



44.8768, 0.3400, 0.2940

Complementary

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



44.8768, 0.3566, 0.3962



25.3394, 0.2635, 0.2516

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.



44.8768, 0.3014, 0.2743



44.8768, 0.3566, 0.3962



44.8768, 0.2471, 0.2748

Square

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



44.8768, 0.3566, 0.3962



44.8768, 0.2556, 0.3319



44.8768, 0.2678, 0.2671



44.8768, 0.3726, 0.3220

Rectangle

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



44.8768, 0.3566, 0.3962



44.8768, 0.2953, 0.3782



44.8768, 0.2678, 0.2671



44.8768, 0.3272, 0.2862

Sweetspot

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



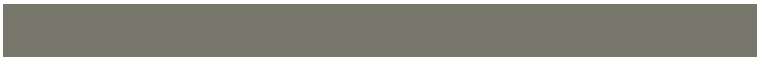
44.8788, 0.3566, 0.3962



84.9637, 0.3262, 0.3499



28.1578, 0.3710, 0.3242



18.2538, 0.3284, 0.3533



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.



44.8788, 0.3566, 0.3962



80.2324, 0.3670, 0.4118



43.5113, 0.3346, 0.4050



10.4132, 0.3265, 0.3503



27.7885, 0.4295, 0.4972



1.0064, 0.4266, 0.4995

Inverse Universe

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



25.3394, 0.2635, 0.2516



38.6699, 0.2500, 0.2300



26.5572, 0.2851, 0.2516



8.7995, 0.2984, 0.3067



2.5778, 0.1512, 0.0643



0.1188, 0.1560, 0.0814

Previews

White Background



This preview shows how the Yxy color 44.8768, 0.3566, 0.3962 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 44.8768, 0.3566, 0.3962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

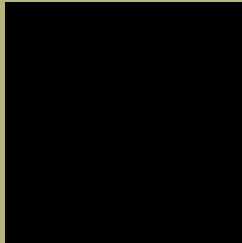
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

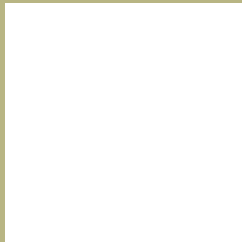
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8768, 0.3566, 0.3962

Background



This preview shows how black text looks on a background with the Yxy color 44.8768, 0.3566, 0.3962.



This preview shows how white text looks on a background with the Yxy color 44.8768, 0.3566, 0.3962.

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

44.8768, 0.3566, 0.3962

Protanopia

44.6590, 0.3660, 0.3921

Deuteranopia

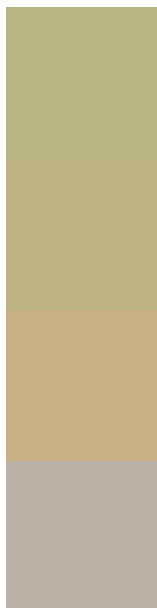
44.6682, 0.3846, 0.3762



Tritanopia

44.9363, 0.3170, 0.3125

Trichromacy



Original Color

44.8768, 0.3566, 0.3962

Protanomaly

44.6707, 0.3628, 0.3940

Deuteranomaly

44.7434, 0.3741, 0.3841

Tritanomaly

44.9257, 0.3308, 0.3422

Monochromacy



Original Color

44.8768, 0.3566, 0.3962

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.9626, 0.3284, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8768, 0.3566, 0.3962 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(184, 181, 131)` looks like.

```
.text, #text, p{  
    color:rgb(184, 181, 131)  
}
```

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(184, 181, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 181, 131) }
```

Border

The CSS property to change the border of an element to Yxy 44.8768, 0.3566, 0.3962 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(184, 181, 131) }
```

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

```
.border{ border-color:rgb(184, 181, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 181, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 181, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 181, 131);  
box-shadow:4px 4px 4px 4px rgb(184, 181,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8768, 0.3566, 0.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 181, 131) }
```

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

```
.background{ background-color: rgb(184,  
181, 131) }
```

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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