

Converting Colors

$Y_{xy}(44.0270, 0.3689, 0.3964)$

Have a look what the booklet for
Yxy(44.0270, 0.3689, 0.3964)
contains.

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Color

Yxy(44.0270, 0.3689, 0.3964)

Conversions

Conversions Part 1

Format	Color
Hex	BFB17E
RGB	191, 177, 126
RGB Percent	75%, 69%, 49%
CMY	0.2510, 0.3059, 0.5060
CMYK	0.00, 0.07, 0.34, 0.25
HSL	47°, 34%, 62%
HSV	47°, 34%, 75%
XYZ	40.9727, 44.0270, 26.0674
YIQ	175.3720, 24.7150, -12.8930

Conversions

Conversions Part 2

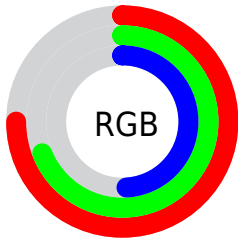
Format	Color
RYB	144, 191, 126
Decimal	12562814
CIELab	72.25, -2.67, 27.96
CIELCh	72, 28.089, 95.446
Yxy	44.0270, 0.3689, 0.3964
Android (android.graphics.Color)	4290752894 (0xFFBFB17E)
YUV	175.3720, -24.3404, 13.7058
Hunter-Lab	66.3528, -5.8943, 23.1543

Details

The Yxy color $44.0270, 0.3689, 0.3964$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $26.9420, 0.2550, 0.2509$, and the grayscale version is $43.1915, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.4890, 0.3587, 0.3847$, and $20.5074, 0.3848, 0.4163$ is the 20% darker color. If you saturate the color by 10%, you get $41.9826, 0.3869, 0.4158$, and if you desaturate by 10%, it is $46.2185, 0.3513, 0.3763$.

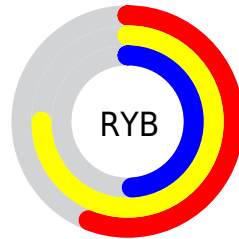
Distribution



Red (75%)

Green (69%)

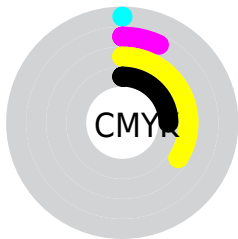
Blue (49%)



Red (56%)

Yellow (75%)

Blue (49%)

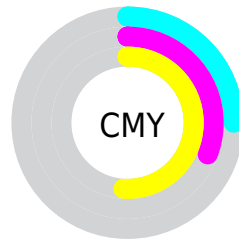


Cyan (0%)

Magenta (7%)

Yellow (34%)

Black (25%)



Cyan (25%)


Magenta (31%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0270, 0.3689, 0.3964 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 44.0270, 0.3689, 0.3964 by changing the saturation by 10% instead.


 44.0270, 0.3689,
0.3964

 44.0270, 0.3689,
0.3964


362.8184, 0.3410,
0.3625


 30.6917, 0.3757,
0.4048


 81.2584, 0.3589,
0.3841

 20.3642, 0.3842,
0.4154


 105.9233, 0.3551,
0.3795

 12.6601, 0.3951,
0.4293


 135.1335, 0.3518,
0.3756

 7.1949, 0.4095,
0.4478

169.2734, 0.3491,
0.3722

 3.5843, 0.4294,
0.4744

208.7275, 0.3466,
0.3693

 1.4438, 0.4707,
0.5293

253.8801, 0.3445,

 0.2487, 0.4079,

0.3668

0.5921

305.1156, 0.3427,
0.3645

0.0000, 0.0000,
0.0000

44.0270, 0.3689,
0.3964

44.0270, 0.3689,
0.3964

41.9826, 0.3869,
0.4158

46.2185, 0.3513,
0.3763

40.0734, 0.4046,
0.4337

48.5564, 0.3345,
0.3562

38.2952, 0.4213,
0.4489

51.0477, 0.3187,
0.3366

36.6407, 0.4363,
0.4605

53.6972, 0.3042,
0.3181

35.1021, 0.4489,
0.4677

56.5094, 0.2910,
0.3006

■ 33.6695, 0.4586,
0.4703

■ 59.4884, 0.2790,
0.2845

■ 32.8558, 0.4634,
0.4703

■ 62.3337, 0.2708,
0.2743

■ 64.3361, 0.2713,
0.2790

■ 66.3907, 0.2717,
0.2837

Harmonies

Analogous

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



44.0270, 0.3901, 0.3748



44.0270, 0.3689, 0.3964



44.0270, 0.3332, 0.3998

Triad

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



44.0270, 0.3689, 0.3964



44.0270, 0.2416, 0.3061



44.0270, 0.3287, 0.2846

Complementary

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



44.0270, 0.3689, 0.3964



26.9420, 0.2550, 0.2509

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.



44.0270, 0.2885, 0.2677



44.0270, 0.3689, 0.3964



44.0270, 0.2404, 0.2778

Square

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



44.0270, 0.3689, 0.3964



44.0270, 0.2604, 0.3445



44.0270, 0.2570, 0.2648



44.0270, 0.3665, 0.3117

Rectangle

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



44.0270, 0.3689, 0.3964



44.0270, 0.3065, 0.3893



44.0270, 0.2570, 0.2648



44.0270, 0.3150, 0.2776

Sweetspot

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



44.0290, 0.3689, 0.3964



88.6650, 0.3282, 0.3485



27.8866, 0.3742, 0.3098



19.3322, 0.3305, 0.3513



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



44.0290, 0.3689, 0.3964



76.0456, 0.3825, 0.4113



47.6039, 0.3469, 0.4177



10.7625, 0.3269, 0.3469



21.7133, 0.4627, 0.4708



0.9390, 0.4504, 0.4806

Inverse Universe

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



26.9420, 0.2550, 0.2509



40.7597, 0.2405, 0.2299



24.6416, 0.2692, 0.2333



9.5493, 0.2984, 0.3105



3.6176, 0.1567, 0.0839



0.2398, 0.1693, 0.1295

Previews

White Background



This preview shows how the Yxy color 44.0270, 0.3689, 0.3964 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 44.0270, 0.3689, 0.3964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

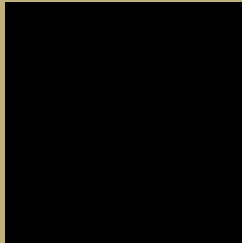
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0270, 0.3689, 0.3964

Background



This preview shows how black text looks on a background with the Yxy color 44.0270, 0.3689, 0.3964.



This preview shows how white text looks on a background with the Yxy color 44.0270, 0.3689, 0.3964.

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

44.0270, 0.3689, 0.3964

Protanopia

44.0270, 0.3689, 0.3964

Deuteranopia

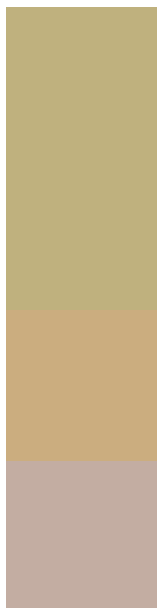
43.9834, 0.3895, 0.3825



Tritanopia

44.1741, 0.3271, 0.3127

Trichromacy



Original Color

44.0270, 0.3689, 0.3964

Protanomaly

44.0270, 0.3689, 0.3964

Deuteranomaly

44.1160, 0.3813, 0.3876

Tritanomaly

44.0979, 0.3423, 0.3433

Monochromacy



Original Color

44.0270, 0.3689, 0.3964

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.3087, 0.3331, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0270, 0.3689, 0.3964 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(191, 177, 126)` looks like.

```
.text, #text, p{  
    color:rgb(191, 177, 126)  
}
```

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(191, 177, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 177, 126) }
```

Border

The CSS property to change the border of an element to Yxy 44.0270, 0.3689, 0.3964 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(191, 177, 126) }
```

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

```
.border{ border-color:rgb(191, 177, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 177, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 177, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 177, 126);  
box-shadow:4px 4px 4px 4px rgb(191, 177,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0270, 0.3689, 0.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 177, 126) }
```

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

```
.background{ background-color: rgb(191,  
177, 126) }
```

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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