

Converting Colors

$Yxy(44.7267, 0.3564, 0.3978)$

Have a look what the booklet for
Yxy(44.7267, 0.3564, 0.3978)
contains.

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Color

Yxy(44.7267, 0.3564, 0.3978)

Conversions

Conversions Part 1

Format	Color
Hex	B7B582
RGB	183, 181, 130
RGB Percent	72%, 71%, 51%
CMY	0.2826, 0.2901, 0.4902
CMYK	0.00, 0.01, 0.29, 0.28
HSL	58°, 27%, 61%
HSV	58°, 29%, 72%
XYZ	40.0719, 44.7267, 27.6366
YIQ	175.7840, 17.5630, -15.4370

Conversions

Conversions Part 2

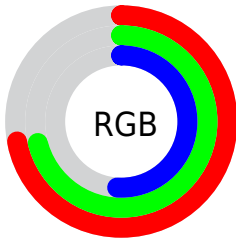
Format	Color
RYB	132, 183, 130
Decimal	12039554
CIELab	72.71, -7.46, 26.32
CIELCh	73, 27.357, 105.822
Yxy	44.7267, 0.3564, 0.3978
Android (android.graphics.Color)	4290229634 (0xFFB7B582)
YUV	175.7840, -22.5715, 6.3284
Hunter-Lab	66.8780, -10.0831, 22.3137

Details

The Yxy color $44.7267, 0.3564, 0.3978$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $24.6425, 0.2631, 0.2494$, and the grayscale version is $43.4077, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.5125, 0.3493, 0.3855$, and $20.6847, 0.3679, 0.4176$ is the 20% darker color. If you saturate the color by 10%, you get $44.0101, 0.3714, 0.4211$, and if you desaturate by 10%, it is $45.5359, 0.3411, 0.3738$.

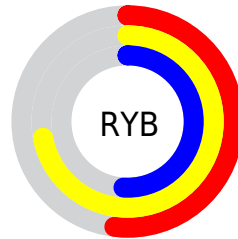
Distribution



Red (72%)

Green (71%)

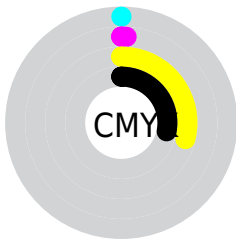
Blue (51%)



Red (52%)

Yellow (72%)

Blue (51%)

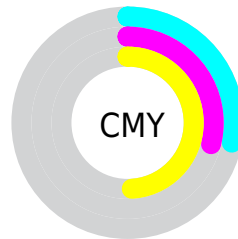


Cyan (0%)

Magenta (1%)

Yellow (29%)

Black (28%)



Cyan (28%)

Magenta (29%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7267, 0.3564, 0.3978 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 44.7267, 0.3564, 0.3978 by changing the saturation by 10% instead.


 44.7267, 0.3564,
0.3978


 44.7267, 0.3564,
0.3978


365.6656, 0.3349,
0.3628

 31.2422, 0.3615,
0.4066


 82.3101, 0.3487,
0.3850

 20.7834, 0.3680,
0.4179


 107.1779, 0.3458,
0.3802

 12.9657, 0.3761,
0.4329


 136.6088, 0.3433,
0.3762

 7.4050, 0.3867,
0.4535

170.9874, 0.3412,
0.3727

 3.7166, 0.4003,
0.4831

210.6980, 0.3393,
0.3698

 1.5163, 0.4410,
0.5590

256.1249, 0.3377,

 0.3002, 0.2559,

0.3672

0.7441

307.6526, 0.3362,
0.3649

0.0000, 0.0000,
0.0000

44.7267, 0.3564,
0.3978

44.7267, 0.3564,
0.3978

44.0101, 0.3714,
0.4211

45.5359, 0.3411,
0.3738

43.3755, 0.3855,
0.4427

46.4361, 0.3259,
0.3499

42.8199, 0.3981,
0.4618

47.4332, 0.3112,
0.3266

42.3377, 0.4086,
0.4774

48.5310, 0.2973,
0.3045

41.9224, 0.4168,
0.4889

49.7331, 0.2844,
0.2837

■ 41.5666, 0.4223,
0.4962

■ 51.0428, 0.2724,
0.2646

■ 41.2570, 0.4255,
0.4998

■ 52.2651, 0.2633,
0.2499

■ 41.2252, 0.4258,
0.5001

■ 52.5457, 0.2634,
0.2507

■ 52.8277, 0.2635,
0.2515

Harmonies

Analogous

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



44.7267, 0.3827, 0.3822



44.7267, 0.3564, 0.3978



44.7267, 0.3193, 0.3934

Triad

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



44.7267, 0.3564, 0.3978



44.7267, 0.2413, 0.2959



44.7267, 0.3418, 0.2941

Complementary

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



44.7267, 0.3564, 0.3978



24.6425, 0.2631, 0.2494

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.



44.7267, 0.3023, 0.2737



44.7267, 0.3564, 0.3978



44.7267, 0.2462, 0.2732

Square

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



44.7267, 0.3564, 0.3978



44.7267, 0.2538, 0.3308



44.7267, 0.2678, 0.2659



44.7267, 0.3746, 0.3228

Rectangle

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



44.7267, 0.3564, 0.3978



44.7267, 0.2937, 0.3784



44.7267, 0.2678, 0.2659



44.7267, 0.3287, 0.2861

Sweetspot

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



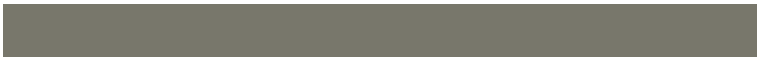
44.7287, 0.3564, 0.3978



83.1842, 0.3262, 0.3503



27.7074, 0.3724, 0.3254



18.3188, 0.3284, 0.3538



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.



44.7287, 0.3564, 0.3978



79.2874, 0.3664, 0.4134



42.8402, 0.3339, 0.4055



10.4458, 0.3265, 0.3508



28.8001, 0.4257, 0.5002



1.0328, 0.4239, 0.5016

Inverse Universe

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



24.6425, 0.2631, 0.2494



37.1788, 0.2497, 0.2278



26.2323, 0.2858, 0.2515



8.7705, 0.2984, 0.3062



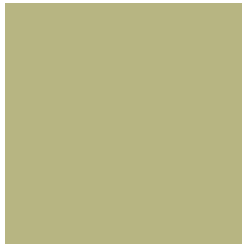
2.5080, 0.1508, 0.0628



0.1062, 0.1539, 0.0739

Previews

White Background



This preview shows how the Yxy color 44.7267, 0.3564, 0.3978 looks on a white background.

Color Contrast Check

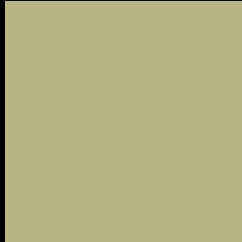
Large Text (above 18pt) WCAG AA × Fail

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 44.7267, 0.3564, 0.3978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

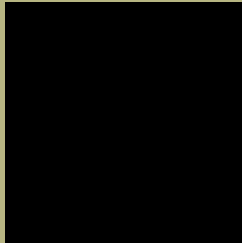
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7267, 0.3564, 0.3978

Background



This preview shows how black text looks on a background with the Yxy color 44.7267, 0.3564, 0.3978.



This preview shows how white text looks on a background with the Yxy color 44.7267, 0.3564, 0.3978.

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

44.7267, 0.3564, 0.3978

Protanopia

44.6322, 0.3669, 0.3934

Deuteranopia

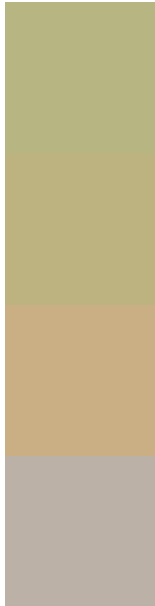
44.6406, 0.3855, 0.3774



Tritanopia

44.8071, 0.3161, 0.3124

Trichromacy



Original Color

44.7267, 0.3564, 0.3978

Protanomaly

44.6440, 0.3637, 0.3953

Deuteranomaly

44.7161, 0.3750, 0.3853

Tritanomaly

44.7623, 0.3307, 0.3435

Monochromacy



Original Color

44.7267, 0.3564, 0.3978

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.9277, 0.3292, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7267, 0.3564, 0.3978 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(183, 181, 130)` looks like.

```
.text, #text, p{  
    color:rgb(183, 181, 130)  
}
```

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(183, 181, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 181, 130) }
```

Border

The CSS property to change the border of an element to Yxy 44.7267, 0.3564, 0.3978 is called "border". The border property can be set on classes, ids or directly on the HTML element.

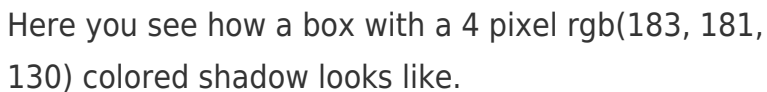
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 181, 130) }
```

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

```
.border{ border-color:rgb(183, 181, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 181, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 181, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 181, 130); box-shadow:4px 4px 4px 4px rgb(183, 181, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7267, 0.3564, 0.3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 181, 130) }
```

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

```
.background{ background-color: rgb(183,  
181, 130) }
```

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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