

Converting Colors

$Yxy(37.8908, 0.3529, 0.3557)$

Have a look what the booklet for
Yxy(37.8908, 0.3529, 0.3557)
contains.

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Color

Yxy(37.9840, 0.3528, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	B8A28E
RGB	184, 162, 142
RGB Percent	72%, 64%, 56%
CMY	0.2784, 0.3647, 0.4432
CMYK	0.00, 0.12, 0.23, 0.28
HSL	29°, 23%, 64%
HSV	29°, 23%, 72%
XYZ	37.5687, 37.9840, 30.9345
YIQ	166.2980, 19.5320, -1.5560

Conversions

Conversions Part 2

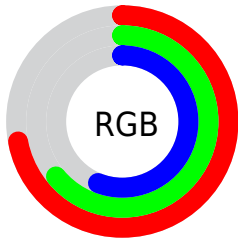
Format	Color
RYB	184, 180, 142
Decimal	12100238
CIELab	68.01, 4.84, 13.36
CIElCh	68, 14.212, 70.103
Yxy	37.9840, 0.3528, 0.3567
Android (android.graphics.Color)	4290290318 (0xFFB8A28E)
YUV	166.2980, -11.9789, 15.5247
Hunter-Lab	61.6312, 0.9543, 13.3824

Details

The Yxy color **37.9840, 0.3528, 0.3567** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7515, 0.2772, 0.2996**, and the grayscale version is **38.3371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1365, 0.3445, 0.3514**, and **16.6704, 0.3646, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **34.2136, 0.3744, 0.3695**, and if you desaturate by 10%, it is **42.1090, 0.3337, 0.3442**.

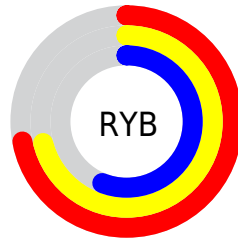
Distribution



Red (72%)

Green (64%)

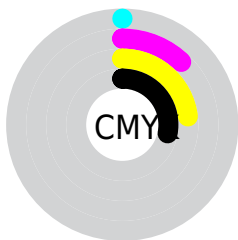
Blue (56%)



Red (72%)

Yellow (71%)

Blue (56%)

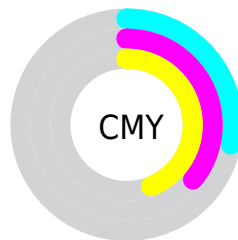


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (28%)



Cyan (28%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9840, 0.3528, 0.3567 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 37.9840, 0.3528, 0.3567 by changing the saturation by 10% instead.


 37.9840, 0.3528,
0.3567


 37.9840, 0.3528,
0.3567


337.5513, 0.3320,
0.3426


 25.9703, 0.3582,
0.3603


 72.0836, 0.3451,
0.3515

 16.8014, 0.3654,
0.3649


 94.9383, 0.3422,
0.3496

 10.0930, 0.3751,
0.3710


 122.1754, 0.3398,
0.3480

 5.4607, 0.3892,
0.3797

154.1793, 0.3378,
0.3466

 2.5200, 0.4110,
0.3923

191.3345, 0.3360,
0.3454

 0.8866, 0.5129,
0.4706

234.0253, 0.3345,

 0.0000, 0.0000,

0.3444

0.0000

282.6361, 0.3332,
0.3434

■ 37.9840, 0.3528,
0.3567

■ 37.9840, 0.3528,
0.3567

■ 34.2136, 0.3744,
0.3695

■ 42.1090, 0.3337,
0.3442

■ 30.7824, 0.3986,
0.3821

■ 46.5931, 0.3170,
0.3323

■ 27.6812, 0.4251,
0.3938

■ 51.4474, 0.3025,
0.3211

■ 24.8985, 0.4531,
0.4034

■ 56.6810, 0.2899,
0.3107

■ 22.4218, 0.4814,
0.4098

■ 62.3024, 0.2790,
0.3012

■ 20.2376, 0.5085,
0.4117

■ 68.3199, 0.2695,
0.2925

■ 18.3307, 0.5323,
0.4083

■ 73.6831, 0.2692,
0.3008

■ 17.1193, 0.5475,
0.4035

■ 79.1746, 0.2703,
0.3115

■ 84.9666, 0.2714,
0.3221

Harmonies

Analogous

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



37.9840, 0.3540, 0.3409



37.9840, 0.3528, 0.3567



37.9840, 0.3405, 0.3658

Triad

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



37.9840, 0.3528, 0.3567



37.9840, 0.2824, 0.3344



37.9840, 0.3033, 0.2961

Complementary

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



37.9840, 0.3528, 0.3567



35.7515, 0.2772, 0.2996

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.



37.9840, 0.2849, 0.2936



37.9840, 0.3528, 0.3567



37.9840, 0.2731, 0.3149

Square

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



37.9840, 0.3528, 0.3567



37.9840, 0.2998, 0.3531



37.9840, 0.2740, 0.3001



37.9840, 0.3249, 0.3066

Rectangle

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



37.9840, 0.3528, 0.3567



37.9840, 0.3280, 0.3663



37.9840, 0.2740, 0.3001



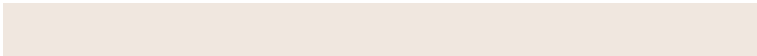
37.9840, 0.2966, 0.2943

Sweetspot

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



37.9857, 0.3528, 0.3567



80.9020, 0.3239, 0.3373



32.2251, 0.3349, 0.2983



17.3369, 0.3249, 0.3380



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.



37.9857, 0.3528, 0.3567



65.6256, 0.3625, 0.3626



45.8448, 0.3470, 0.3834



9.6993, 0.3276, 0.3399



11.9384, 0.5456, 0.4050



0.5449, 0.5048, 0.4374

Inverse Universe

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



35.7515, 0.2772, 0.2996



60.9155, 0.2698, 0.2928



28.9693, 0.2748, 0.2682



9.4764, 0.2985, 0.3178



8.3321, 0.1800, 0.1678



0.4168, 0.1925, 0.2131

Previews

White Background



This preview shows how the Yxy color 37.9840, 0.3528, 0.3567 looks on a white background.

Color Contrast Check

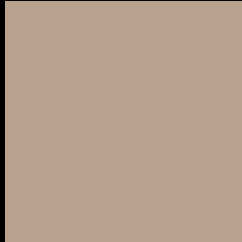
Large Text (above 18pt) WCAG AA × Fail

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 37.9840, 0.3528, 0.3567 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

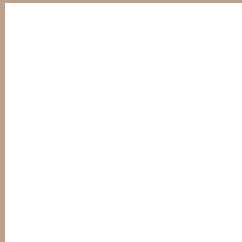
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.9840, 0.3528, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 37.9840, 0.3528, 0.3567.



This preview shows how white text looks on a background with the Yxy color 37.9840, 0.3528, 0.3567.

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

37.9840, 0.3528, 0.3567

Protanopia

37.9226, 0.3401, 0.3588

Deuteranopia

38.0418, 0.3595, 0.3535



Tritanopia

37.9208, 0.3300, 0.3130

Trichromacy



Original Color

37.9840, 0.3528, 0.3567

Protanomaly

37.9991, 0.3453, 0.3585

Deuteranomaly

38.1341, 0.3571, 0.3550

Tritanomaly

37.7734, 0.3383, 0.3277

Monochromacy



Original Color

37.9840, 0.3528, 0.3567

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.2288, 0.3273, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9840, 0.3528, 0.3567 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, 162, 142)` looks like.

```
.text, #text, p{  
    color:rgb(184, 162, 142)  
}
```

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, 162, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 162, 142) }
```

Border

The CSS property to change the border of an element to Yxy 37.9840, 0.3528, 0.3567 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, 162, 142) }
```

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

```
.border{ border-color:rgb(184, 162, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 162, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 162, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 162, 142);  
box-shadow:4px 4px 4px 4px rgb(184, 162,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9840, 0.3528, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 162, 142) }
```

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

```
.background{ background-color: rgb(184,  
162, 142) }
```

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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