

Converting Colors

$Yxy(30.9646, 0.3855, 0.3567)$

Have a look what the booklet for
Yxy(30.9646, 0.3855, 0.3567)
contains.

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Color

Yxy(30.9950, 0.3857, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	BB8D79
RGB	187, 141, 121
RGB Percent	73%, 55%, 47%
CMY	0.2667, 0.4470, 0.5255
CMYK	0.00, 0.25, 0.35, 0.27
HSL	18°, 33%, 60%
HSV	18°, 35%, 73%
XYZ	33.4680, 30.9950, 22.3091
YIQ	152.4740, 33.8360, 3.5320

Conversions

Conversions Part 2

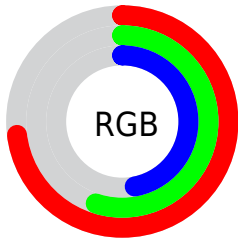
Format	Color
RYB	187, 150, 121
Decimal	12291449
CIELab	62.50, 14.70, 17.44
CIELCh	63, 22.811, 49.883
Yxy	30.9950, 0.3857, 0.3572
Android (android.graphics.Color)	4290481529 (0xFFBB8D79)
YUV	152.4740, -15.5167, 30.2793
Hunter-Lab	55.6732, 9.8775, 15.2128

Details

The Yxy color **30.9950, 0.3857, 0.3572** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **35.2854, 0.2596, 0.2986**, and the grayscale version is **31.6731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2804, 0.3707, 0.3530**, and **12.8556, 0.4106, 0.3659** is the 20% darker color. If you saturate the color by 10%, you get **26.9616, 0.4148, 0.3652**, and if you desaturate by 10%, it is **35.5724, 0.3606, 0.3489**.

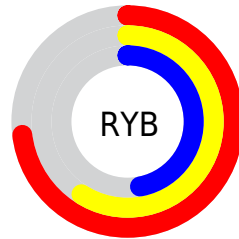
Distribution



Red (73%)

Green (55%)

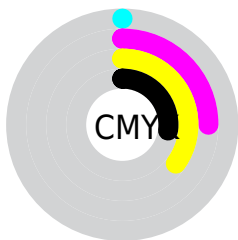
Blue (47%)



Red (73%)

Yellow (59%)

Blue (47%)

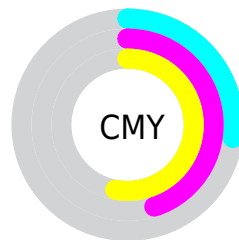


Cyan (0%)

Magenta (25%)

Yellow (35%)

Black (27%)



Cyan (27%)


Magenta (45%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9950, 0.3857, 0.3572 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 30.9950, 0.3857, 0.3572 by changing the saturation by 10% instead.


 30.9950, 0.3857,
0.3572


 30.9950, 0.3857,
0.3572


306.5153, 0.3464,
0.3432


 20.5950, 0.3964,
0.3605


 61.2322, 0.3707,
0.3522

 12.8283, 0.4108,
0.3646


 81.8382, 0.3653,
0.3503

 7.3104, 0.4308,
0.3697


 106.6151, 0.3608,
0.3487

 3.6570, 0.4605,
0.3756

135.9471, 0.3571,
0.3473

 1.4836, 0.5277,
0.3956

170.2188, 0.3538,
0.3461

 0.2771, 0.6918,
0.3082


209.8144, 0.3510,


 0.0000, 0.0000,


0.3450


0.0000


255.1185, 0.3486,
0.3441


 30.9950, 0.3857,
0.3572


 30.9950, 0.3857,
0.3572


 26.9616, 0.4148,
0.3652


 35.5724, 0.3606,
0.3489


 23.4471, 0.4477,
0.3722


 40.7090, 0.3392,
0.3407


 20.4307, 0.4834,
0.3772


 46.4248, 0.3211,
0.3329


 17.8884, 0.5201,
0.3790


 52.7376, 0.3059,
0.3257

 15.7942, 0.5546,
0.3765


 59.6642, 0.2930,
0.3190

 14.1187, 0.5835,
0.3693

 67.2210, 0.2821,
0.3129

 13.4589, 0.5955,
0.3653

 75.4234, 0.2728,
0.3073

 83.2409, 0.2726,
0.3184

 89.3036, 0.2736,
0.3289

Harmonies

Analogous

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



30.9950, 0.3741, 0.3273



30.9950, 0.3857, 0.3572



30.9950, 0.3763, 0.3822

Triad

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



30.9950, 0.3857, 0.3572



30.9950, 0.2794, 0.3612



30.9950, 0.2742, 0.2695

Complementary

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



30.9950, 0.3857, 0.3572



35.2854, 0.2596, 0.2986

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.



30.9950, 0.2518, 0.2745



30.9950, 0.3857, 0.3572



30.9950, 0.2545, 0.3260

Square

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



30.9950, 0.3857, 0.3572



30.9950, 0.3140, 0.3873



30.9950, 0.2448, 0.2943



30.9950, 0.3080, 0.2787

Rectangle

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



30.9950, 0.3857, 0.3572



30.9950, 0.3600, 0.3922



30.9950, 0.2448, 0.2943



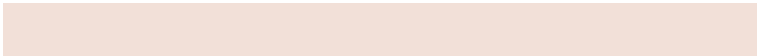
30.9950, 0.2652, 0.2695

Sweetspot

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



30.9965, 0.3857, 0.3572



76.9987, 0.3314, 0.3374



27.0368, 0.3384, 0.2666



16.6547, 0.3339, 0.3385



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.



30.9965, 0.3857, 0.3572



50.0878, 0.4068, 0.3632



42.1365, 0.3706, 0.4000



9.9954, 0.3281, 0.3360



9.3873, 0.5934, 0.3671



0.4865, 0.5449, 0.4055

Inverse Universe

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



35.2854, 0.2596, 0.2986



58.8358, 0.2492, 0.2911



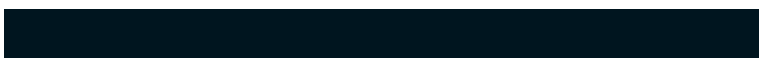
24.7589, 0.2525, 0.2461



10.3080, 0.2985, 0.3219



13.6611, 0.1968, 0.2283



0.6451, 0.2042, 0.2552

Previews

White Background



This preview shows how the Yxy color 30.9950, 0.3857, 0.3572 looks on a white background.

Color Contrast Check

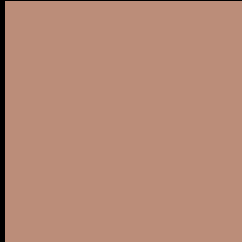
Large Text (above 18pt) WCAG AA × Fail

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 30.9950, 0.3857, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

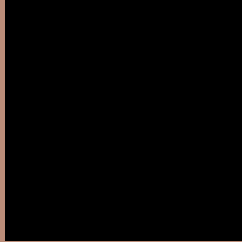
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9950, 0.3857, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 30.9950, 0.3857, 0.3572.



This preview shows how white text looks on a background with the Yxy color 30.9950, 0.3857, 0.3572.

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

30.9950, 0.3857, 0.3572

Protanopia

31.1132, 0.3465, 0.3676

Deuteranopia

30.9540, 0.3737, 0.3656



Tritanopia

30.9766, 0.3602, 0.3141

Trichromacy



Original Color

30.9950, 0.3857, 0.3572

Protanomaly

30.8687, 0.3609, 0.3635

Deuteranomaly

31.1263, 0.3787, 0.3636

Tritanomaly

30.8308, 0.3701, 0.3292

Monochromacy



Original Color

30.9950, 0.3857, 0.3572

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.1022, 0.3375, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9950, 0.3857, 0.3572 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(187, 141, 121)` looks like.

```
.text, #text, p{  
    color:rgb(187, 141, 121)  
}
```

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(187, 141, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 141, 121) }
```

Border

The CSS property to change the border of an element to Yxy 30.9950, 0.3857, 0.3572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

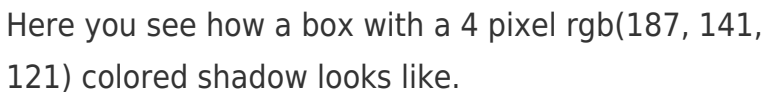
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 141, 121) }
```

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

```
.border{ border-color:rgb(187, 141, 121) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 141, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 141, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 141, 121); box-shadow:4px 4px 4px 4px rgb(187, 141, 121) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9950, 0.3857, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 141, 121) }
```

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

```
.background{ background-color: rgb(187,  
141, 121) }
```

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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