

Converting Colors

$Yxy(34.8460, 0.3653, 0.3571)$

Have a look what the booklet for
Yxy(34.8460, 0.3653, 0.3571)
contains.

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Color

Yxy(34.7902, 0.3656, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	B99985
RGB	185, 153, 133
RGB Percent	73%, 60%, 52%
CMY	0.2746, 0.3999, 0.4784
CMYK	0.00, 0.17, 0.28, 0.27
HSL	23°, 27%, 62%
HSV	23°, 28%, 73%
XYZ	35.6283, 34.7902, 27.0331
YIQ	160.2880, 25.4920, 0.5640

Conversions

Conversions Part 2

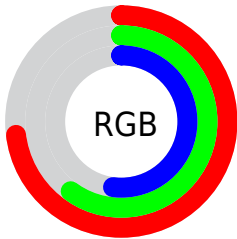
Format	Color
R_{YB}	185, 166, 133
Decimal	12163461
CIE _{Lab}	65.58, 8.85, 14.96
CIE _{LCh}	66, 17.386, 59.383
Yxy	34.7902, 0.3656, 0.3570
Android (android.graphics.Color)	4290353541 (0xFFB99985)
YUV	160.2880, -13.4530, 21.6724
Hunter-Lab	58.9832, 4.6007, 14.1146

Details

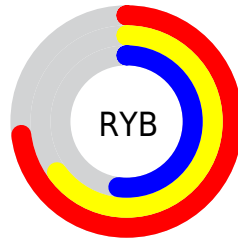
The Yxy color **34.7902, 0.3656, 0.3570** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.3905, 0.2695, 0.2991**, and the grayscale version is **35.3483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0481, 0.3556, 0.3517**, and **14.9526, 0.3835, 0.3659** is the 20% darker color. If you saturate the color by 10%, you get **30.7756, 0.3903, 0.3674**, and if you desaturate by 10%, it is **39.2533, 0.3442, 0.3466**.

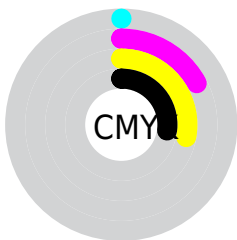
Distribution



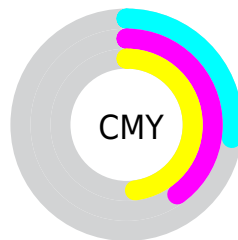
- Red (73%)
- Green (60%)
- Blue (52%)



- Red (73%)
- Yellow (65%)
- Blue (52%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (27%)





- Cyan (27%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7902, 0.3656, 0.3570 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 34.7902, 0.3656, 0.3570 by changing the saturation by 10% instead.


 34.7902, 0.3656,
0.3570


 34.7902, 0.3656,
0.3570


323.6413, 0.3377,
0.3428


 23.5013, 0.3730,
0.3605


 67.1606, 0.3551,
0.3518

 14.9641, 0.3829,
0.3651


 89.0110, 0.3513,
0.3499

 8.7942, 0.3965,
0.3710


 115.1505, 0.3481,
0.3483

 4.6072, 0.4164,
0.3791

145.9638, 0.3454,
0.3469

 2.0187, 0.4484,
0.3905

181.8351, 0.3430,
0.3457

 0.6183, 0.5652,
0.4348

223.1489, 0.3410,

 0.0000, 0.0000,

0.3446

0.0000

270.2895, 0.3393,
0.3437

■ 34.7902, 0.3656,
0.3570

■ 34.7902, 0.3656,
0.3570

■ 30.7756, 0.3903,
0.3674

■ 39.2533, 0.3442,
0.3466

■ 27.1899, 0.4182,
0.3774

■ 44.1738, 0.3257,
0.3366

■ 24.0194, 0.4489,
0.3859

■ 49.5667, 0.3099,
0.3273

■ 21.2475, 0.4814,
0.3919

■ 55.4446, 0.2964,
0.3186

■ 18.8564, 0.5139,
0.3941

■ 61.8196, 0.2848,
0.3106

■ 16.8263, 0.5439,
0.3915

■ 68.7034, 0.2748,
0.3033

■ 15.1325, 0.5692,
0.3841

■ 75.6151, 0.2701,
0.3044

■ 14.8422, 0.5739,
0.3825

■ 82.2536, 0.2714,
0.3170

■ 89.0509, 0.2726,
0.3289

Harmonies

Analogous

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



34.7902, 0.3618, 0.3354



34.7902, 0.3656, 0.3570



34.7902, 0.3546, 0.3724

Triad

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



34.7902, 0.3656, 0.3570



34.7902, 0.2814, 0.3447



34.7902, 0.2917, 0.2856

Complementary

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



34.7902, 0.3656, 0.3570



35.3905, 0.2695, 0.2991

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.



34.7902, 0.2716, 0.2863



34.7902, 0.3656, 0.3570



34.7902, 0.2659, 0.3193

Square

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



34.7902, 0.3656, 0.3570



34.7902, 0.3056, 0.3663



34.7902, 0.2624, 0.2981



34.7902, 0.3182, 0.2954

Rectangle

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



34.7902, 0.3656, 0.3570



34.7902, 0.3406, 0.3766



34.7902, 0.2624, 0.2981



34.7902, 0.2840, 0.2846

Sweetspot

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



34.7918, 0.3656, 0.3570



79.1024, 0.3258, 0.3367



29.8090, 0.3367, 0.2852



16.7563, 0.3284, 0.3381



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.



34.7918, 0.3656, 0.3570



57.5895, 0.3812, 0.3638



44.2092, 0.3565, 0.3907



9.5638, 0.3278, 0.3378



10.2413, 0.5716, 0.3843



0.4823, 0.5235, 0.4225

Inverse Universe

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



35.3905, 0.2695, 0.2991



58.8367, 0.2596, 0.2911



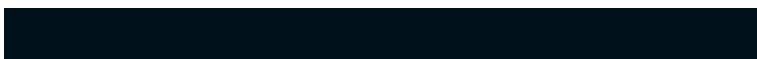
26.9772, 0.2654, 0.2587



9.6143, 0.2985, 0.3200



10.6924, 0.1888, 0.1995



0.4929, 0.1991, 0.2367

Previews

White Background



This preview shows how the Yxy color 34.7902, 0.3656, 0.3570 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 34.7902, 0.3656, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

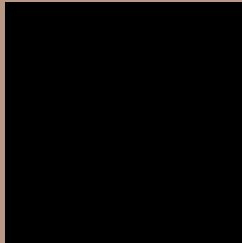
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7902, 0.3656, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 34.7902, 0.3656, 0.3570.



This preview shows how white text looks on a background with the Yxy color 34.7902, 0.3656, 0.3570.

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

34.7902, 0.3656, 0.3570

Protanopia

34.8987, 0.3430, 0.3629

Deuteranopia

34.6663, 0.3646, 0.3571



Tritanopia

34.7595, 0.3413, 0.3128

Trichromacy



Original Color

34.7902, 0.3656, 0.3570

Protanomaly

34.8619, 0.3507, 0.3608

Deuteranomaly

34.6663, 0.3646, 0.3571

Tritanomaly

34.6119, 0.3502, 0.3277

Monochromacy



Original Color

34.7902, 0.3656, 0.3570

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.7510, 0.3311, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7902, 0.3656, 0.3570 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(185, 153, 133)` looks like.

```
.text, #text, p{  
    color:rgb(185, 153, 133)  
}
```

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(185, 153, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 153, 133) }
```

Border

The CSS property to change the border of an element to Yxy 34.7902, 0.3656, 0.3570 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(185, 153, 133) }
```

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

```
.border{ border-color:rgb(185, 153, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 153, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 153, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 153, 133);  
box-shadow:4px 4px 4px 4px rgb(185, 153,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7902, 0.3656, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 153, 133) }
```

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

```
.background{ background-color: rgb(185,  
153, 133) }
```

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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