

Converting Colors

$Yxy(34.6949, 0.3881, 0.3783)$

Have a look what the booklet for
Yxy(34.6949, 0.3881, 0.3783)
contains.

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Color

Yxy(34.6646, 0.3887, 0.3784)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BE9874 |
| RGB | 190, 152, 116 |
| RGB Percent | 75%, 60%, 45% |
| CMY | 0.2551, 0.4038, 0.5451 |
| CMYK | 0.00, 0.20, 0.39, 0.26 |
| HSL | 29°, 36%, 60% |
| HSV | 29°, 39%, 74% |
| XYZ | 35.6082, 34.6646, 21.3356 |
| YIQ | 159.2580, 34.2040, -3.1400 |

Conversions

Conversions Part 2

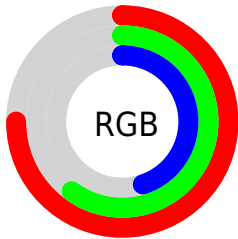
| Format | Color |
|-------------------------------------|---|
| RYB | 190, 186, 116 |
| Decimal | 12490868 |
| CIELab | 65.49, 9.21, 24.33 |
| CIElCh | 65, 26.014, 69.264 |
| Yxy | 34.6646, 0.3887, 0.3784 |
| Android (android.graphics.Color) | 4290680948 (0xFFBE9874) |
| YUV | 159.2580, -21.3262, 26.9607 |
| Hunter-Lab | 58.8767, 4.9214, 19.7283 |

Details

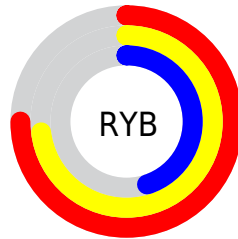
The Yxy color **34.6646, 0.3887, 0.3784** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.5184, 0.2511, 0.2733**, and the grayscale version is **34.8824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9262, 0.3745, 0.3694**, and **14.8635, 0.4134, 0.3924** is the 20% darker color. If you saturate the color by 10%, you get **31.2338, 0.4141, 0.3908**, and if you desaturate by 10%, it is **38.4490, 0.3656, 0.3654**.

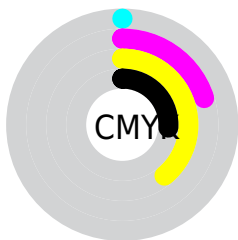
Distribution



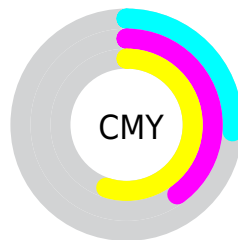
- Red (75%)
- Green (60%)
- Blue (45%)



- Red (75%)
- Yellow (73%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (39%)
- Black (26%)





- Cyan (26%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.6646, 0.3887, 0.3784 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 34.6646, 0.3887, 0.3784 by changing the saturation by 10% instead.


 34.6646, 0.3887,
0.3784


 34.6646, 0.3887,
0.3784


323.0854, 0.3488,
0.3536


 23.4046, 0.3991,
0.3844


 66.9659, 0.3738,
0.3695

 14.8926, 0.4128,
0.3920


 88.7759, 0.3683,
0.3661

 8.7440, 0.4312,
0.4016


 114.8715, 0.3637,
0.3632

 4.5746, 0.4570,
0.4136

145.6369, 0.3599,
0.3607

 1.9999, 0.5166,
0.4464

181.4566, 0.3565,
0.3586

 0.6074, 0.5691,
0.4309

222.7150, 0.3536,

 0.0000, 0.0000,

0.3567

0.0000

269.7965, 0.3511,
0.3551

■ 34.6646, 0.3887,
0.3784

■ 34.6646, 0.3887,
0.3784

■ 31.2338, 0.4141,
0.3908

■ 38.4490, 0.3656,
0.3654

■ 28.1398, 0.4413,
0.4016

■ 42.5931, 0.3451,
0.3523

■ 25.3717, 0.4693,
0.4096

■ 47.1090, 0.3269,
0.3397


■ 22.9159, 0.4966,
0.4135

■ 52.0068, 0.3111,
0.3278


■ 20.7570, 0.5214,
0.4124


■ 57.2960, 0.2974,
0.3167


 18.8736, 0.5426,
0.4064

 62.9859, 0.2854,
0.3064

 18.6872, 0.5448,
0.4056

 69.0853, 0.2750,
0.2970

 74.7395, 0.2727,
0.3016

 80.3143, 0.2737,
0.3124

Harmonies

Analogous

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



34.6646, 0.3911, 0.3481



34.6646, 0.3887, 0.3784



34.6646, 0.3651, 0.3982

Triad

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



34.6646, 0.3887, 0.3784



34.6646, 0.2569, 0.3394



34.6646, 0.2933, 0.2690

Complementary

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



34.6646, 0.3887, 0.3784



30.5184, 0.2511, 0.2733

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.



34.6646, 0.2601, 0.2641



34.6646, 0.3887, 0.3784



34.6646, 0.2402, 0.3017

Square

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



34.6646, 0.3887, 0.3784



34.6646, 0.2887, 0.3767



34.6646, 0.2414, 0.2750



34.6646, 0.3340, 0.2874

Rectangle

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



34.6646, 0.3887, 0.3784



34.6646, 0.3414, 0.4012



34.6646, 0.2414, 0.2750



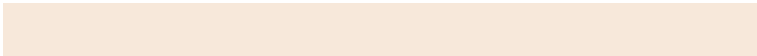
34.6646, 0.2810, 0.2657

Sweetspot

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



34.6662, 0.3887, 0.3784



82.6661, 0.3326, 0.3437



25.7720, 0.3584, 0.2772



17.9129, 0.3349, 0.3454



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.



34.6662, 0.3887, 0.3784



57.3256, 0.4110, 0.3894



48.4808, 0.3709, 0.4229



10.2828, 0.3276, 0.3402



12.5877, 0.5427, 0.4073



0.6241, 0.5056, 0.4367

Inverse Universe

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



30.5184, 0.2511, 0.2733



48.7124, 0.2372, 0.2580



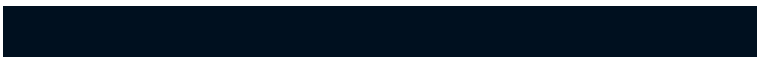
20.2047, 0.2422, 0.2139



10.0128, 0.2984, 0.3175



8.3711, 0.1789, 0.1640



0.4585, 0.1908, 0.2069

Previews

White Background



This preview shows how the Yxy color 34.6646, 0.3887, 0.3784 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 34.6646, 0.3887, 0.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

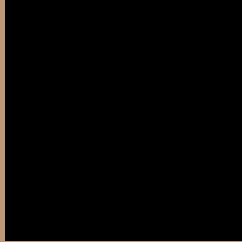
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6646, 0.3887, 0.3784

Background



This preview shows how black text looks on a background with the Yxy color 34.6646, 0.3887, 0.3784.



This preview shows how white text looks on a background with the Yxy color 34.6646, 0.3887, 0.3784.

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

34.6646, 0.3887, 0.3784

Protanopia

34.7861, 0.3623, 0.3875

Deuteranopia

34.8622, 0.3872, 0.3799



Tritanopia

34.4957, 0.3513, 0.3131

Trichromacy



Original Color

34.6646, 0.3887, 0.3784

Protanomaly

34.5499, 0.3720, 0.3834

Deuteranomaly

34.8622, 0.3872, 0.3799

Tritanomaly

34.5004, 0.3655, 0.3359

Monochromacy



Original Color

34.6646, 0.3887, 0.3784

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.3062, 0.3391, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6646, 0.3887, 0.3784 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(190, 152, 116)` looks like.

```
.text, #text, p{  
    color:rgb(190, 152, 116)  
}
```

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(190, 152, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 152, 116) }
```

Border

The CSS property to change the border of an element to Yxy 34.6646, 0.3887, 0.3784 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(190, 152, 116) }
```

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

```
.border{ border-color:rgb(190, 152, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 152, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 152, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 152, 116);  
box-shadow:4px 4px 4px 4px rgb(190, 152,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6646, 0.3887, 0.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 152, 116) }
```

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

```
.background{ background-color: rgb(190,  
152, 116) }
```

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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