

Converting Colors

$Yxy(33.2482, 0.3740, 0.3584)$

Have a look what the booklet for
Yxy(33.2482, 0.3740, 0.3584)
contains.

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Color

Yxy(33.1512, 0.3749, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	BA947F
RGB	186, 148, 127
RGB Percent	73%, 58%, 50%
CMY	0.2707, 0.4196, 0.5019
CMYK	0.00, 0.20, 0.32, 0.27
HSL	21°, 30%, 61%
HSV	21°, 32%, 73%
XYZ	34.6677, 33.1512, 24.6530
YIQ	156.9680, 29.3890, 1.5250

Conversions

Conversions Part 2

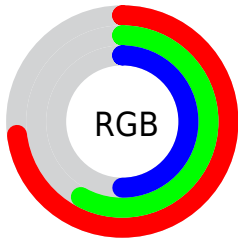
Format	Color
R_{YB}	186, 160, 127
Decimal	12227711
CIE _{Lab}	64.28, 11.20, 16.52
CIE _{LCh}	64, 19.957, 55.873
Yxy	33.1512, 0.3749, 0.3585
Android (android.graphics.Color)	4290417791 (0xFFBA947F)
YUV	156.9680, -14.7742, 25.4611
Hunter-Lab	57.5771, 6.7168, 14.9175

Details

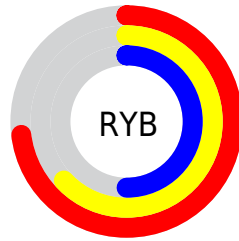
The Yxy color **33.1512, 0.3749, 0.3585** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.9609, 0.2642, 0.2973**, and the grayscale version is **33.7601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5910, 0.3623, 0.3528**, and **14.0050, 0.3962, 0.3658** is the 20% darker color. If you saturate the color by 10%, you get **29.1468, 0.4014, 0.3681**, and if you desaturate by 10%, it is **37.6369, 0.3519, 0.3488**.

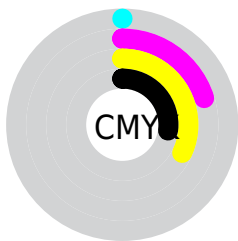
Distribution



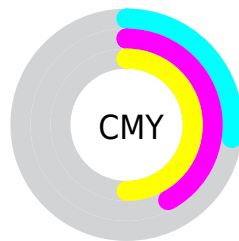
- Red (73%)
- Green (58%)
- Blue (50%)



- Red (73%)
- Yellow (63%)
- Blue (50%)



- Cyan (0%)
- Magenta (20%)
- Yellow (32%)
- Black (27%)





- Cyan (27%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.1512, 0.3749, 0.3585 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 33.1512, 0.3749, 0.3585 by changing the saturation by 10% instead.


 33.1512, 0.3749,
0.3585


 33.1512, 0.3749,
0.3585


316.3305, 0.3418,
0.3437

 22.2423, 0.3838,
0.3622


 64.6115, 0.3624,
0.3531

 14.0350, 0.3956,
0.3668

 85.9317, 0.3578,
0.3511

 8.1450, 0.4120,
0.3727

 111.4912, 0.3541,
0.3494

 4.1879, 0.4362,
0.3804

141.6742, 0.3509,
0.3479

 1.7792, 0.4799,
0.3945

176.8653, 0.3481,
0.3466

 0.4742, 0.6043,
0.3957


217.4487, 0.3457,


 0.0000, 0.0000,

0.3455


0.0000


263.8090, 0.3437,
0.3445


 33.1512, 0.3749,
0.3585


 33.1512, 0.3749,
0.3585


 29.1468, 0.4014,
0.3681

 37.6369, 0.3519,
0.3488


 25.6025, 0.4313,
0.3769


 42.6151, 0.3322,
0.3394


 22.5019, 0.4640,
0.3840


 48.1023, 0.3153,
0.3305


 19.8260, 0.4982,
0.3881


 54.1130, 0.3010,
0.3222


 17.5542, 0.5315,
0.3881

 60.6609, 0.2888,
0.3146


 15.6636, 0.5610,
0.3832

 67.7593, 0.2784,
0.3076

 14.3605, 0.5818,
0.3762

 75.2786, 0.2706,
0.3036

 82.2455, 0.2719,
0.3168

 89.1770, 0.2731,
0.3289

Harmonies

Analogous

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



33.1512, 0.3685, 0.3331



33.1512, 0.3749, 0.3585



33.1512, 0.3637, 0.3780

Triad

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



33.1512, 0.3749, 0.3585



33.1512, 0.2791, 0.3508



33.1512, 0.2849, 0.2782

Complementary

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



33.1512, 0.3749, 0.3585



34.9609, 0.2642, 0.2973

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.



33.1512, 0.2631, 0.2803



33.1512, 0.3749, 0.3585



33.1512, 0.2598, 0.3208

Square

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



33.1512, 0.3749, 0.3585



33.1512, 0.3078, 0.3751



33.1512, 0.2542, 0.2951



33.1512, 0.3152, 0.2883

Rectangle

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



33.1512, 0.3749, 0.3585



33.1512, 0.3483, 0.3843



33.1512, 0.2542, 0.2951



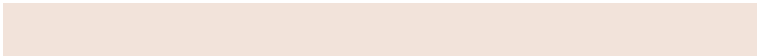
33.1512, 0.2764, 0.2775

Sweetspot

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



33.1527, 0.3749, 0.3585



78.7327, 0.3294, 0.3380



28.3472, 0.3384, 0.2768



17.0409, 0.3319, 0.3392



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.



33.1527, 0.3749, 0.3585



54.9874, 0.3929, 0.3652



43.4681, 0.3632, 0.3964



9.5216, 0.3279, 0.3372



9.7930, 0.5795, 0.3781



0.4644, 0.5295, 0.4178

Inverse Universe

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



34.9609, 0.2642, 0.2973



58.7592, 0.2539, 0.2892



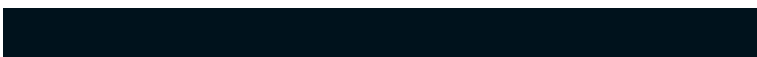
25.6248, 0.2588, 0.2512



9.6579, 0.2985, 0.3207



11.5294, 0.1916, 0.2097



0.5187, 0.2011, 0.2440

Previews

White Background



This preview shows how the Yxy color 33.1512, 0.3749, 0.3585 looks on a white background.

Color Contrast Check

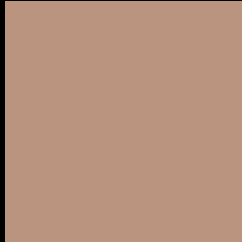
Large Text (above 18pt) WCAG AA × Fail

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 33.1512, 0.3749, 0.3585 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 33.1512, 0.3749, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 33.1512, 0.3749, 0.3585.



This preview shows how white text looks on a background with the Yxy color 33.1512, 0.3749, 0.3585.

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

33.1512, 0.3749, 0.3585

Protanopia

33.4150, 0.3455, 0.3665

Deuteranopia

33.1688, 0.3687, 0.3619



Tritanopia

33.1319, 0.3496, 0.3141

Trichromacy



Original Color

33.1512, 0.3749, 0.3585

Protanomaly

33.2784, 0.3559, 0.3627

Deuteranomaly

33.0945, 0.3712, 0.3602

Tritanomaly

32.9865, 0.3590, 0.3291

Monochromacy



Original Color

33.1512, 0.3749, 0.3585

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.5114, 0.3345, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1512, 0.3749, 0.3585 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(186, 148, 127)` looks like.

```
.text, #text, p{  
    color:rgb(186, 148, 127)  
}
```

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(186, 148, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 148, 127) }
```

Border

The CSS property to change the border of an element to Yxy 33.1512, 0.3749, 0.3585 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(186, 148, 127) }
```

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

```
.border{ border-color:rgb(186, 148, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 148, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 148, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 148, 127);  
box-shadow:4px 4px 4px 4px rgb(186, 148,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1512, 0.3749, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 148, 127) }
```

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

```
.background{ background-color: rgb(186,  
148, 127) }
```

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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