

Converting Colors

$Yxy(34.4541, 0.3722, 0.3625)$

Have a look what the booklet for
Yxy(34.4541, 0.3722, 0.3625)
contains.

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Color

Yxy(34.4541, 0.3722, 0.3625)

Conversions

Conversions Part 1

Format	Color
Hex	BA9880
RGB	186, 152, 128
RGB Percent	73%, 60%, 50%
CMY	0.2706, 0.4039, 0.4979
CMYK	0.00, 0.18, 0.31, 0.27
HSL	25°, 30%, 62%
HSV	25°, 31%, 73%
XYZ	35.3760, 34.4541, 25.2156
YIQ	159.4300, 27.9680, -0.2560

Conversions

Conversions Part 2

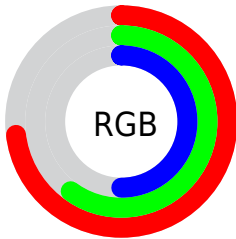
Format	Color
RYB	186, 169, 128
Decimal	12228736
CIELab	65.32, 9.14, 17.39
CIElCh	65, 19.645, 62.280
Yxy	34.4541, 0.3722, 0.3625
Android (android.graphics.Color)	4290418816 (0xFFBA9880)
YUV	159.4300, -15.4950, 23.3019
Hunter-Lab	58.6976, 4.8581, 15.6182

Details

The Yxy color $34.4541, 0.3722, 0.3625$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $33.9862, 0.2644, 0.2928$, and the grayscale version is $34.9426, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.5335, 0.3605, 0.3560$, and $14.7774, 0.3916, 0.3714$ is the 20% darker color. If you saturate the color by 10%, you get $30.6302, 0.3973, 0.3736$, and if you desaturate by 10%, it is $38.6967, 0.3501, 0.3513$.

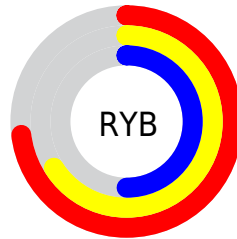
Distribution



Red (73%)

Green (60%)

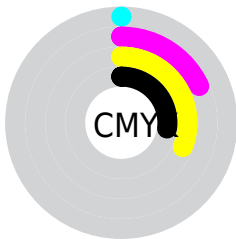
Blue (50%)



Red (73%)

Yellow (66%)

Blue (50%)

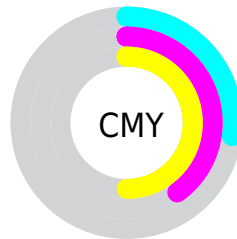


Cyan (0%)

Magenta (18%)

Yellow (31%)

Black (27%)



Cyan (27%)


Magenta (40%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4541, 0.3722, 0.3625 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 34.4541, 0.3722, 0.3625 by changing the saturation by 10% instead.

 34.4541, 0.3722,
0.3625


 34.4541, 0.3722,
0.3625


322.1522, 0.3408,
0.3456


 23.2427, 0.3806,
0.3667


 66.6392, 0.3604,
0.3563

 14.7728, 0.3916,
0.3721


 88.3817, 0.3561,
0.3540

 8.6601, 0.4068,
0.3791


 114.4033, 0.3525,
0.3521

 4.5201, 0.4289,
0.3884

145.0884, 0.3494,
0.3504

 1.9686, 0.4670,
0.4037

180.8215, 0.3468,
0.3489

 0.5891, 0.5707,
0.4293

221.9869, 0.3445,


 0.0000, 0.0000,


0.3477

0.0000


268.9690, 0.3425,
0.3466


 34.4541, 0.3722,
0.3625


 34.4541, 0.3722,
0.3625

 30.6302, 0.3973,
0.3736


 38.6967, 0.3501,
0.3513


 27.2065, 0.4253,
0.3839


 43.3661, 0.3310,
0.3404


 24.1701, 0.4556,
0.3925


 48.4763, 0.3145,
0.3302

 21.5055, 0.4870,
0.3981

 54.0390, 0.3003,
0.3206


 19.1959, 0.5176,
0.3995


 60.0655, 0.2881,
0.3118

 17.2225, 0.5450,
0.3957

 66.5668, 0.2776,
0.3037

 15.7365, 0.5659,
0.3889

 73.3438, 0.2702,
0.2996

 79.5488, 0.2714,
0.3118

 86.1394, 0.2726,
0.3237

Harmonies

Analogous

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



34.4541, 0.3697, 0.3385



34.4541, 0.3722, 0.3625



34.4541, 0.3581, 0.3793

Triad

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



34.4541, 0.3722, 0.3625



34.4541, 0.2751, 0.3440



34.4541, 0.2915, 0.2808

Complementary

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



34.4541, 0.3722, 0.3625



33.9862, 0.2644, 0.2928

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.



34.4541, 0.2680, 0.2801



34.4541, 0.3722, 0.3625



34.4541, 0.2589, 0.3151

Square

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



34.4541, 0.3722, 0.3625



34.4541, 0.3016, 0.3696



34.4541, 0.2564, 0.2920



34.4541, 0.3218, 0.2928

Rectangle

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



34.4541, 0.3722, 0.3625



34.4541, 0.3416, 0.3833



34.4541, 0.2564, 0.2920



34.4541, 0.2826, 0.2792

Sweetspot

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



34.4557, 0.3722, 0.3625



80.4083, 0.3275, 0.3383



28.5217, 0.3411, 0.2815



17.4183, 0.3300, 0.3398



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.



34.4557, 0.3722, 0.3625



57.8995, 0.3880, 0.3697



44.7243, 0.3612, 0.3987



9.6060, 0.3278, 0.3385



10.7270, 0.5636, 0.3907



0.5009, 0.5176, 0.4272

Inverse Universe

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



33.9862, 0.2644, 0.2928



56.9108, 0.2545, 0.2840



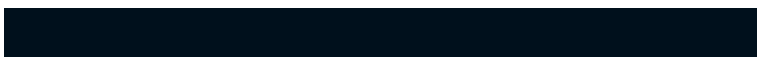
25.1374, 0.2592, 0.2481



9.5710, 0.2985, 0.3193



9.9052, 0.1860, 0.1895



0.4681, 0.1970, 0.2293

Previews

White Background



This preview shows how the Yxy color 34.4541, 0.3722, 0.3625 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 34.4541, 0.3722, 0.3625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

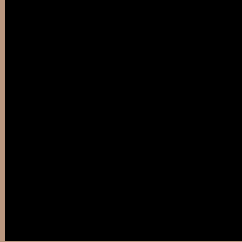
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4541, 0.3722, 0.3625

Background



This preview shows how black text looks on a background with the Yxy color 34.4541, 0.3722, 0.3625.



This preview shows how white text looks on a background with the Yxy color 34.4541, 0.3722, 0.3625.

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

34.4541, 0.3722, 0.3625

Protanopia

34.4172, 0.3481, 0.3689

Deuteranopia

34.6553, 0.3707, 0.3640



Tritanopia

34.5018, 0.3446, 0.3142

Trichromacy



Original Color

34.4541, 0.3722, 0.3625

Protanomaly

34.5026, 0.3570, 0.3666

Deuteranomaly

34.6553, 0.3707, 0.3640

Tritanomaly

34.3244, 0.3546, 0.3305

Monochromacy



Original Color

34.4541, 0.3722, 0.3625

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.3501, 0.3332, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4541, 0.3722, 0.3625 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, 152, 128)` looks like.

```
.text, #text, p{  
    color:rgb(186, 152, 128)  
}
```

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, 152, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 152, 128) }
```

Border

The CSS property to change the border of an element to Yxy 34.4541, 0.3722, 0.3625 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, 152, 128) }
```

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

```
.border{ border-color:rgb(186, 152, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 152, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 152, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 152, 128);  
box-shadow:4px 4px 4px 4px rgb(186, 152,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4541, 0.3722, 0.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 152, 128) }
```

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

```
.background{ background-color: rgb(186,  
152, 128) }
```

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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