

Converting Colors

$Y_{xy}(35.1062, 0.3695, 0.3735)$

Have a look what the booklet for
Yxy(35.1062, 0.3695, 0.3735)
contains.

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Color

Yxy(35.1773, 0.3703, 0.3742)

Conversions

Conversions Part 1

Format	Color
Hex	B69C7C
RGB	182, 156, 124
RGB Percent	71%, 61%, 49%
CMY	0.2864, 0.3882, 0.5138
CMYK	0.00, 0.14, 0.32, 0.29
HSL	33°, 28%, 60%
HSV	33°, 32%, 71%
XYZ	34.8107, 35.1773, 24.0187
YIQ	160.1260, 25.7680, -4.4400

Conversions

Conversions Part 2

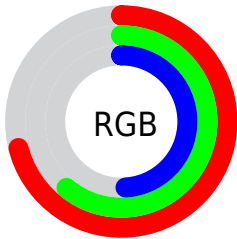
Format	Color
RYB	171, 182, 124
Decimal	11967612
CIELab	65.89, 4.78, 20.34
CIELCh	66, 20.892, 76.785
Yxy	35.1773, 0.3703, 0.3742
Android (android.graphics.Color)	4290157692 (0xFFB69C7C)
YUV	160.1260, -17.8101, 19.1835
Hunter-Lab	59.3105, 0.9725, 17.5069

Details

The Yxy color **35.1773, 0.3703, 0.3742** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.4499, 0.2619, 0.2790**, and the grayscale version is **35.2886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6182, 0.3592, 0.3648**, and **15.2003, 0.3882, 0.3876** is the 20% darker color. If you saturate the color by 10%, you get **32.1181, 0.3926, 0.3887**, and if you desaturate by 10%, it is **38.5079, 0.3499, 0.3595**.

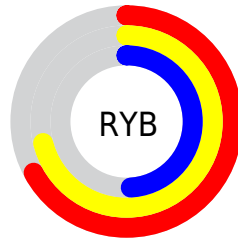
Distribution



Red (71%)

Green (61%)

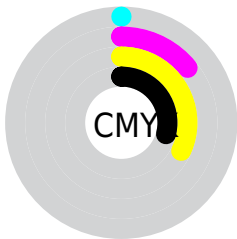
Blue (49%)



Red (67%)

Yellow (71%)

Blue (49%)

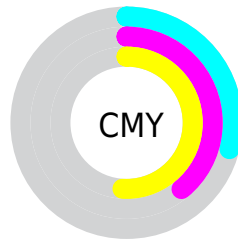


Cyan (0%)

Magenta (14%)

Yellow (32%)

Black (29%)



Cyan (29%)


Magenta (39%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1773, 0.3703, 0.3742 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 35.1773, 0.3703, 0.3742 by changing the saturation by 10% instead.


 35.1773, 0.3703,
0.3742


 35.1773, 0.3703,
0.3742


325.3502, 0.3402,
0.3510

 23.7995, 0.3782,
0.3801


 67.7603, 0.3590,
0.3657

 15.1849, 0.3886,
0.3876


 89.7344, 0.3549,
0.3625

 8.9493, 0.4027,
0.3976


 116.0092, 0.3514,
0.3599

 4.7081, 0.4227,
0.4113

146.9694, 0.3485,
0.3576

 2.0770, 0.4598,
0.4366

182.9991, 0.3460,
0.3556

 0.6517, 0.5304,
0.4696

224.4829, 0.3438,

 0.0000, 0.0000,

0.3539

0.0000

271.8052, 0.3419,
0.3524

■ 35.1773, 0.3703,
0.3742

■ 35.1773, 0.3703,
0.3742

■ 32.1181, 0.3926,
0.3887

■ 38.5079, 0.3499,
0.3595

■ 29.3171, 0.4166,
0.4022

■ 42.1129, 0.3317,
0.3452

■ 26.7673, 0.4416,
0.4138

■ 46.0012, 0.3155,
0.3315

■ 24.4592, 0.4664,
0.4222

■ 50.1800, 0.3012,
0.3186

■ 22.3821, 0.4899,
0.4263

■ 54.6559, 0.2887,
0.3067

■ 20.5244, 0.5105,
0.4252

■ 59.4355, 0.2777,
0.2957

■ 19.1586, 0.5252,
0.4212

■ 64.5250, 0.2680,
0.2856

■ 68.9574, 0.2671,
0.2912

■ 73.3660, 0.2680,
0.3005

Harmonies

Analogous

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



35.1773, 0.3765, 0.3516



35.1773, 0.3703, 0.3742



35.1773, 0.3483, 0.3859

Triad

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



35.1773, 0.3703, 0.3742



35.1773, 0.2631, 0.3298



35.1773, 0.3053, 0.2830

Complementary

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



35.1773, 0.3703, 0.3742



29.4499, 0.2619, 0.2790

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.



35.1773, 0.2762, 0.2762



35.1773, 0.3703, 0.3742



35.1773, 0.2529, 0.3012

Square

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



35.1773, 0.3703, 0.3742



35.1773, 0.2864, 0.3600



35.1773, 0.2575, 0.2823



35.1773, 0.3379, 0.3005

Rectangle

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



35.1773, 0.3703, 0.3742



35.1773, 0.3282, 0.3848



35.1773, 0.2575, 0.2823



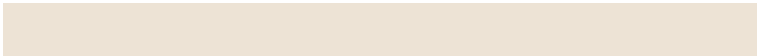
35.1773, 0.2948, 0.2794

Sweetspot

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



35.1789, 0.3703, 0.3742



77.5424, 0.3288, 0.3428



26.5567, 0.3521, 0.2922



16.9149, 0.3312, 0.3447



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.



35.1789, 0.3703, 0.3742



59.9910, 0.3852, 0.3841



44.4870, 0.3573, 0.4080



9.8127, 0.3274, 0.3416



13.6699, 0.5237, 0.4224



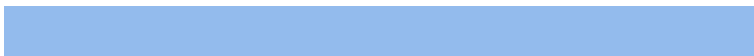
0.6035, 0.4899, 0.4492

Inverse Universe

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



29.4499, 0.2619, 0.2790



48.0221, 0.2506, 0.2663



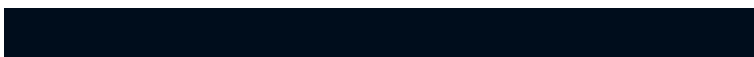
22.2907, 0.2596, 0.2373



9.3634, 0.2985, 0.3160



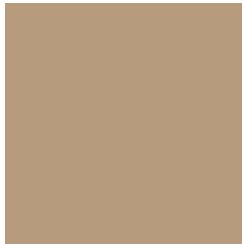
6.7161, 0.1731, 0.1430



0.3606, 0.1871, 0.1937

Previews

White Background



This preview shows how the Yxy color 35.1773, 0.3703, 0.3742 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 35.1773, 0.3703, 0.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

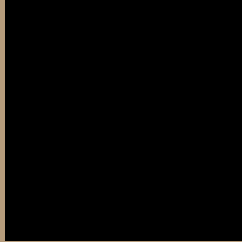
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1773, 0.3703, 0.3742

Background



This preview shows how black text looks on a background with the Yxy color 35.1773, 0.3703, 0.3742.



This preview shows how white text looks on a background with the Yxy color 35.1773, 0.3703, 0.3742.

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

35.1773, 0.3703, 0.3742

Protanopia

35.3059, 0.3553, 0.3786

Deuteranopia

35.2578, 0.3776, 0.3705



Tritanopia

35.1810, 0.3378, 0.3141

Trichromacy



Original Color

35.1773, 0.3703, 0.3742

Protanomaly

35.3909, 0.3608, 0.3780

Deuteranomaly

35.3370, 0.3750, 0.3721

Tritanomaly

35.2349, 0.3504, 0.3360

Monochromacy



Original Color

35.1773, 0.3703, 0.3742

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.2277, 0.3326, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1773, 0.3703, 0.3742 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(182, 156, 124)` looks like.

```
.text, #text, p{  
    color:rgb(182, 156, 124)  
}
```

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(182, 156, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 156, 124) }
```

Border

The CSS property to change the border of an element to Yxy 35.1773, 0.3703, 0.3742 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(182, 156, 124) }
```

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

```
.border{ border-color:rgb(182, 156, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 156, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 156, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 156, 124);  
box-shadow:4px 4px 4px 4px rgb(182, 156,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1773, 0.3703, 0.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 156, 124) }
```

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

```
.background{ background-color: rgb(182,  
156, 124) }
```

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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