

Converting Colors

$Y_{xy}(35.4059, 0.3725, 0.3684)$

Have a look what the booklet for
Yxy(35.4059, 0.3725, 0.3684)
contains.

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Color

Yxy(35.4141, 0.3720, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	BA9B7F
RGB	186, 155, 127
RGB Percent	73%, 61%, 50%
CMY	0.2706, 0.3921, 0.5020
CMYK	0.00, 0.17, 0.32, 0.27
HSL	28°, 30%, 61%
HSV	28°, 32%, 73%
XYZ	35.7990, 35.4141, 25.0208
YIQ	161.0770, 27.4640, -2.1360

Conversions

Conversions Part 2

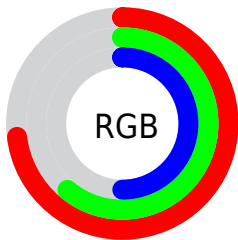
Format	Color
RYB	186, 180, 127
Decimal	12229503
CIELab	66.07, 7.34, 19.00
CIELCh	66, 20.366, 68.875
Yxy	35.4141, 0.3720, 0.3680
Android (android.graphics.Color)	4290419583 (0xFFBA9B7F)
YUV	161.0770, -16.8000, 21.8575
Hunter-Lab	59.5097, 3.2375, 16.7284

Details

The Yxy color **35.4141, 0.3720, 0.3680** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.4963, 0.2629, 0.2864**, and the grayscale version is **35.7481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9509, 0.3604, 0.3602**, and **15.3562, 0.3908, 0.3788** is the 20% darker color. If you saturate the color by 10%, you get **31.8546, 0.3960, 0.3806**, and if you desaturate by 10%, it is **39.3293, 0.3506, 0.3552**.

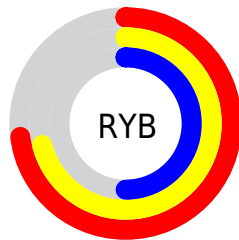
Distribution



Red (73%)

Green (61%)

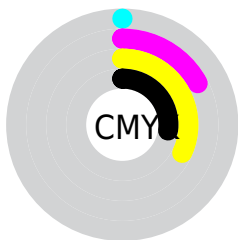
Blue (50%)



Red (73%)

Yellow (71%)

Blue (50%)

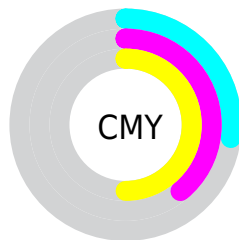


Cyan (0%)

Magenta (17%)

Yellow (32%)

Black (27%)



Cyan (27%)


Magenta (39%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4141, 0.3720, 0.3680 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 35.4141, 0.3720, 0.3680 by changing the saturation by 10% instead.


 35.4141, 0.3720,
0.3680


 35.4141, 0.3720,
0.3680


326.3924, 0.3409,
0.3482


 23.9820, 0.3802,
0.3729


 68.1268, 0.3604,
0.3608

 15.3203, 0.3910,
0.3793


 90.1762, 0.3561,
0.3581

 9.0445, 0.4057,
0.3875


 116.5335, 0.3525,
0.3558

 4.7702, 0.4268,
0.3987

147.5831, 0.3495,
0.3538

 2.1131, 0.4629,
0.4170

183.7094, 0.3469,
0.3522

 0.6720, 0.5490,
0.4510

225.2968, 0.3446,

 0.0000, 0.0000,

0.3507

0.0000

272.7296, 0.3426,
0.3494

■ 35.4141, 0.3720,
0.3680

■ 35.4141, 0.3720,
0.3680

■ 31.8546, 0.3960,
0.3806

■ 39.3293, 0.3506,
0.3552

■ 28.6347, 0.4223,
0.3924

■ 43.6058, 0.3318,
0.3428

■ 25.7443, 0.4502,
0.4022


■ 48.2552, 0.3153,
0.3310


■ 23.1706, 0.4787,
0.4090

■ 53.2871, 0.3010,
0.3199

■ 20.8998, 0.5061,
0.4114

■ 58.7108, 0.2886,
0.3097

 18.9163, 0.5304,
0.4086

 64.5352, 0.2779,
0.3003

 17.4737, 0.5481,
0.4030

 70.6277, 0.2697,
0.2940

 76.0084, 0.2708,
0.3050

 81.6952, 0.2718,
0.3158

Harmonies

Analogous

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



35.4141, 0.3733, 0.3444



35.4141, 0.3720, 0.3680



35.4141, 0.3542, 0.3828

Triad

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



35.4141, 0.3720, 0.3680



35.4141, 0.2693, 0.3378



35.4141, 0.2974, 0.2813

Complementary

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



35.4141, 0.3720, 0.3680



32.4963, 0.2629, 0.2864

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.



35.4141, 0.2712, 0.2779



35.4141, 0.3720, 0.3680



35.4141, 0.2557, 0.3087

Square

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



35.4141, 0.3720, 0.3680



35.4141, 0.2947, 0.3658



35.4141, 0.2564, 0.2872



35.4141, 0.3291, 0.2959

Rectangle

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



35.4141, 0.3720, 0.3680



35.4141, 0.3359, 0.3846



35.4141, 0.2564, 0.2872



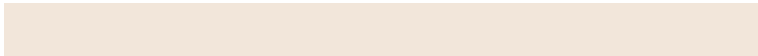
35.4141, 0.2877, 0.2788

Sweetspot

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



35.4157, 0.3720, 0.3680



80.3180, 0.3291, 0.3409



28.0962, 0.3463, 0.2858



17.4340, 0.3315, 0.3426



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.



35.4157, 0.3720, 0.3680



59.6776, 0.3883, 0.3768



46.2604, 0.3606, 0.4047



9.6969, 0.3276, 0.3399



11.9051, 0.5460, 0.4047



0.5438, 0.5051, 0.4371

Inverse Universe

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



32.4963, 0.2629, 0.2864



53.5572, 0.2519, 0.2753



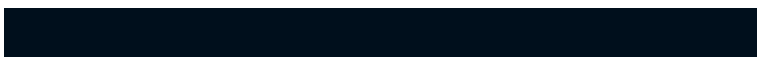
23.7424, 0.2574, 0.2401



9.4788, 0.2985, 0.3179



8.3695, 0.1801, 0.1683



0.4181, 0.1927, 0.2135

Previews

White Background



This preview shows how the Yxy color 35.4141, 0.3720, 0.3680 looks on a white background.

Color Contrast Check

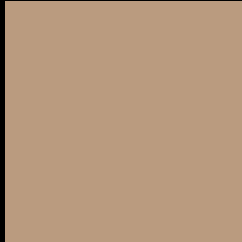
Large Text (above 18pt) WCAG AA × Fail

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 35.4141, 0.3720, 0.3680 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 35.4141, 0.3720, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 35.4141, 0.3720, 0.3680.



This preview shows how white text looks on a background with the Yxy color 35.4141, 0.3720, 0.3680.

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

35.4141, 0.3720, 0.3680

Protanopia

35.4112, 0.3515, 0.3728

Deuteranopia

35.3349, 0.3745, 0.3663



Tritanopia

35.3685, 0.3421, 0.3130

Trichromacy



Original Color

35.4141, 0.3720, 0.3680

Protanomaly

35.2688, 0.3583, 0.3707

Deuteranomaly

35.2083, 0.3735, 0.3665

Tritanomaly

35.4452, 0.3538, 0.3332

Monochromacy



Original Color

35.4141, 0.3720, 0.3680

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.5122, 0.3327, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4141, 0.3720, 0.3680 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, 155, 127)` looks like.

```
.text, #text, p{  
    color:rgb(186, 155, 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, 155, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 155, 127) }
```

Border

The CSS property to change the border of an element to Yxy 35.4141, 0.3720, 0.3680 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, 155, 127) }
```

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

```
.border{ border-color:rgb(186, 155, 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, 155, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 155, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 155, 127); box-shadow:4px 4px 4px 4px rgb(186, 155, 127) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4141, 0.3720, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 155, 127) }
```

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

```
.background{ background-color: rgb(186,  
155, 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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