

Converting Colors

$Y_{xy}(35.2318, 0.3540, 0.3504)$

Have a look what the booklet for
Yxy(35.2318, 0.3540, 0.3504)
contains.

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Color

Yxy(35.1599, 0.3537, 0.3502)

Conversions

Conversions Part 1	
Format	Color
Hex	B59B8C
RGB	181, 155, 140
RGB Percent	71%, 61%, 55%
CMY	0.2902, 0.3921, 0.4510
CMYK	0.00, 0.14, 0.23, 0.29
HSL	22°, 22%, 63%
HSV	22°, 23%, 71%
XYZ	35.5113, 35.1599, 29.7283
YIQ	161.0640, 20.3110, 0.8470

Conversions

Conversions Part 2

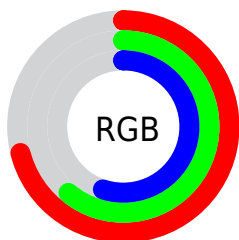
Format	Color
RYB	181, 164, 140
Decimal	11901836
CIELab	65.87, 7.22, 11.41
CIELCh	66, 13.504, 57.687
Yxy	35.1599, 0.3537, 0.3502
Android (android.graphics.Color)	4290091916 (0xFFB59B8C)
YUV	161.0640, -10.3846, 17.4839
Hunter-Lab	59.2958, 3.1332, 11.7817

Details

The Yxy color $35.1599, 0.3537, 0.3502$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $36.1859, 0.2780, 0.3068$, and the grayscale version is $35.7150, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.5005, 0.3451, 0.3453$, and $15.2280, 0.3675, 0.3565$ is the 20% darker color. If you saturate the color by 10%, you get $31.0298, 0.3768, 0.3602$, and if you desaturate by 10%, it is $39.7442, 0.3338, 0.3405$.

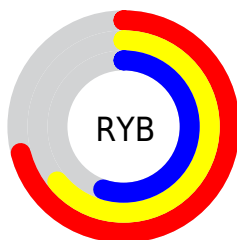
Distribution



Red (71%)

Green (61%)

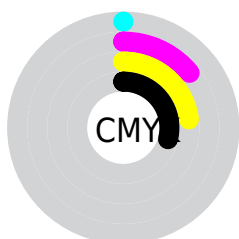
Blue (55%)



Red (71%)

Yellow (64%)

Blue (55%)

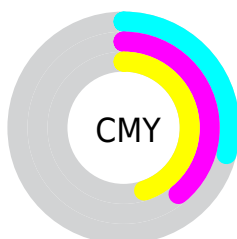


Cyan (0%)

Magenta (14%)

Yellow (23%)

Black (29%)



Cyan (29%)


Magenta (39%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1599, 0.3537, 0.3502 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 35.1599, 0.3537, 0.3502 by changing the saturation by 10% instead.


 35.1599, 0.3537,
0.3502


 35.1599, 0.3537,
0.3502


325.2736, 0.3321,
0.3394


 23.7861, 0.3595,
0.3529


 67.7334, 0.3456,
0.3462

 15.1750, 0.3671,
0.3565


 89.7019, 0.3426,
0.3448

 8.9423, 0.3777,
0.3612


 115.9707, 0.3401,
0.3435

 4.7036, 0.3932,
0.3678

146.9242, 0.3381,
0.3425

 2.0744, 0.4182,
0.3774

182.9469, 0.3363,
0.3415

 0.6502, 0.5499,
0.4501

224.4231, 0.3347,


 0.0000, 0.0000,


0.3407

0.0000


271.7372, 0.3333,
0.3400


 35.1599, 0.3537,
0.3502


 35.1599, 0.3537,
0.3502


 31.0298, 0.3768,
0.3602


 39.7442, 0.3338,
0.3405


 27.3348, 0.4033,
0.3699


 44.7917, 0.3168,
0.3313


 24.0612, 0.4332,
0.3789


 50.3170, 0.3023,
0.3228

 21.1930, 0.4656,
0.3860


 56.3325, 0.2899,
0.3149


 18.7129, 0.4993,
0.3900

 62.8504, 0.2793,
0.3077


 16.6019, 0.5318,
0.3899


 69.8823, 0.2702,
0.3011

 14.8392, 0.5605,
0.3847

 76.6622, 0.2682,
0.3073

 13.7456, 0.5789,
0.3786

 83.4615, 0.2696,
0.3200

 88.5637, 0.2706,
0.3289

Harmonies

Analogous

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



35.1599, 0.3501, 0.3333



35.1599, 0.3537, 0.3502



35.1599, 0.3459, 0.3623

Triad

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



35.1599, 0.3537, 0.3502



35.1599, 0.2894, 0.3423



35.1599, 0.2954, 0.2948

Complementary

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



35.1599, 0.3537, 0.3502



36.1859, 0.2780, 0.3068

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.



35.1599, 0.2801, 0.2960



35.1599, 0.3537, 0.3502



35.1599, 0.2767, 0.3228

Square

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



35.1599, 0.3537, 0.3502



35.1599, 0.3085, 0.3582



35.1599, 0.2733, 0.3060



35.1599, 0.3159, 0.3021

Rectangle

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



35.1599, 0.3537, 0.3502



35.1599, 0.3355, 0.3656



35.1599, 0.2733, 0.3060



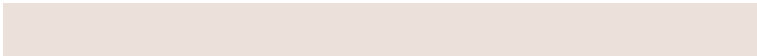
35.1599, 0.2895, 0.2942

Sweetspot

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



35.1615, 0.3537, 0.3502



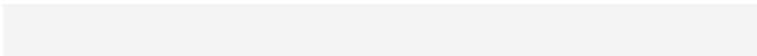
76.0767, 0.3241, 0.3354



31.3593, 0.3297, 0.2922



16.3288, 0.3250, 0.3359



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.1615, 0.3537, 0.3502



59.3200, 0.3644, 0.3550



42.3194, 0.3480, 0.3767



8.9974, 0.3278, 0.3374



9.5981, 0.5766, 0.3804



0.4156, 0.5233, 0.4227

Inverse Universe

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



36.1859, 0.2780, 0.3068



61.4629, 0.2707, 0.3014



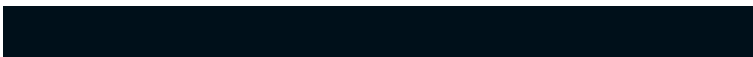
29.5183, 0.2757, 0.2763



9.0983, 0.2986, 0.3205



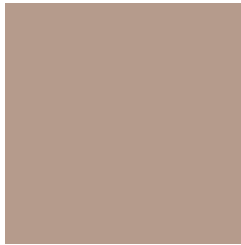
10.8542, 0.1907, 0.2064



0.4480, 0.2013, 0.2446

Previews

White Background



This preview shows how the Yxy color 35.1599, 0.3537, 0.3502 looks on a white background.

Color Contrast Check

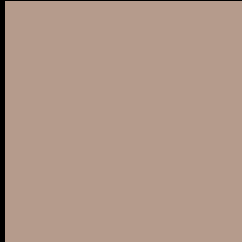
Large Text (above 18pt) WCAG AA × Fail

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 35.1599, 0.3537, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

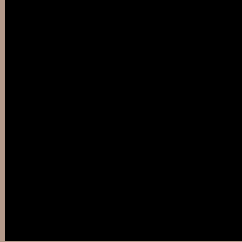
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1599, 0.3537, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 35.1599, 0.3537, 0.3502.



This preview shows how white text looks on a background with the Yxy color 35.1599, 0.3537, 0.3502.

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

35.1599, 0.3537, 0.3502

Protanopia

35.3101, 0.3361, 0.3554

Deuteranopia

35.0719, 0.3561, 0.3487



Tritanopia

35.2912, 0.3346, 0.3140

Trichromacy



Original Color
35.1599, 0.3537, 0.3502

Protanomaly
35.1475, 0.3426, 0.3537

Deuteranomaly
34.9497, 0.3551, 0.3488

Tritanomaly
35.2163, 0.3413, 0.3263

Monochromacy



Original Color
35.1599, 0.3537, 0.3502

Achromatopsia
35.6400, 0.3127, 0.3290

Achromatomaly
35.4210, 0.3270, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1599, 0.3537, 0.3502 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(181, 155, 140)` looks like.

```
.text, #text, p{  
    color:rgb(181, 155, 140)  
}
```

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(181, 155, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 155, 140) }
```

Border

The CSS property to change the border of an element to Yxy 35.1599, 0.3537, 0.3502 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(181, 155, 140) }
```

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

```
.border{ border-color:rgb(181, 155, 140) }
```

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

Here you see how a box with a 4 pixel rgb(181, 155, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 155, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 155, 140);  
box-shadow:4px 4px 4px 4px rgb(181, 155,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1599, 0.3537, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 155, 140) }
```

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

```
.background{ background-color: rgb(181,  
155, 140) }
```

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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