

Converting Colors

$Y_{xy}(35.3052, 0.3276, 0.3498)$

Have a look what the booklet for
Yxy(35.3052, 0.3276, 0.3498)
contains.

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Color

Yxy(35.3829, 0.3273, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	A3A193
RGB	163, 161, 147
RGB Percent	64%, 63%, 58%
CMY	0.3607, 0.3686, 0.4236
CMYK	0.00, 0.01, 0.10, 0.36
HSL	52°, 8%, 61%
HSV	52°, 10%, 64%
XYZ	33.1165, 35.3829, 32.6814
YIQ	160.0020, 5.6860, -3.9300

Conversions

Conversions Part 2

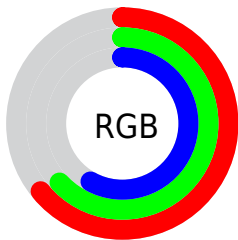
Format	Color
RYB	149, 163, 147
Decimal	10723731
CIELab	66.05, -1.81, 7.55
CIElCh	66, 7.763, 103.488
Yxy	35.3829, 0.3273, 0.3497
Android (android.graphics.Color)	4288913811 (0xFFA3A193)
YUV	160.0020, -6.4100, 2.6292
Hunter-Lab	59.4835, -4.7193, 9.0634

Details

The Yxy color **35.3829, 0.3273, 0.3497** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3402, 0.2978, 0.3074**, and the grayscale version is **35.1840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2342, 0.3244, 0.3458**, and **15.3759, 0.3320, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **34.1994, 0.3429, 0.3715**, and if you desaturate by 10%, it is **36.6537, 0.3125, 0.3287**.

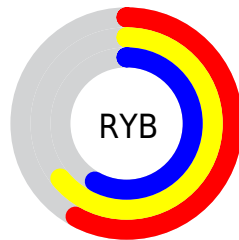
Distribution



Red (64%)

Green (63%)

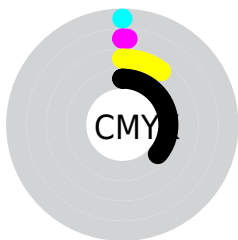
Blue (58%)



Red (58%)

Yellow (64%)

Blue (58%)

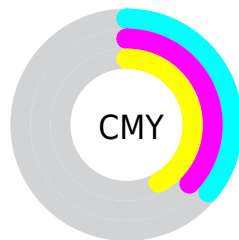


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (36%)



Cyan (36%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3829, 0.3273, 0.3497 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 35.3829, 0.3273, 0.3497 by changing the saturation by 10% instead.

■ 35.3829, 0.3273,
0.3497

■ 35.3829, 0.3273,
0.3497

■ 326.2552, 0.3197,
0.3388

■ 23.9580, 0.3293,
0.3526

■ 68.0785, 0.3245,
0.3456

■ 15.3025, 0.3320,
0.3564

■ 90.1180, 0.3234,
0.3441

■ 9.0319, 0.3356,
0.3618

■ 116.4645, 0.3225,
0.3429

■ 4.7620, 0.3409,
0.3697

■ 147.5023, 0.3218,
0.3418

■ 2.1083, 0.3495,
0.3825

■ 183.6159, 0.3212,
0.3409

■ 0.6693, 0.4048,
0.4577

■ 225.1896, 0.3206,

■ 0.0000, 0.0000,

0.3401

0.0000

272.6080, 0.3201,
0.3394

■ 35.3829, 0.3273,
0.3497

■ 35.3829, 0.3273,
0.3497

■ 34.1994, 0.3429,
0.3715

■ 36.6537, 0.3125,
0.3287

■ 33.0956, 0.3590,
0.3934

■ 38.0100, 0.2986,
0.3087

■ 32.0695, 0.3753,
0.4148

■ 39.4563, 0.2859,
0.2899

■ 31.1177, 0.3910,
0.4348

■ 40.9950, 0.2742,
0.2726

■ 30.2363, 0.4056,
0.4525

■ 42.6287, 0.2636,
0.2567

■ 29.4209, 0.4185,
0.4670

■ 44.3599, 0.2541,
0.2421

■ 28.6668, 0.4291,
0.4775

■ 45.7920, 0.2487,
0.2346

■ 27.9681, 0.4371,
0.4837

■ 46.5960, 0.2490,
0.2370

■ 27.3121, 0.4429,
0.4864

■ 47.4122, 0.2494,
0.2395

Harmonies

Analogous

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



35.3829, 0.3346, 0.3455



35.3829, 0.3273, 0.3497



35.3829, 0.3162, 0.3482

Triad

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



35.3829, 0.3273, 0.3497



35.3829, 0.2901, 0.3202



35.3829, 0.3210, 0.3172

Complementary

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



35.3829, 0.3273, 0.3497



30.3402, 0.2978, 0.3074

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.



35.3829, 0.3089, 0.3107



35.3829, 0.3273, 0.3497



35.3829, 0.2913, 0.3122

Square

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



35.3829, 0.3273, 0.3497



35.3829, 0.2948, 0.3309



35.3829, 0.2981, 0.3089



35.3829, 0.3309, 0.3268

Rectangle

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



35.3829, 0.3273, 0.3497



35.3829, 0.3081, 0.3441



35.3829, 0.2981, 0.3089



35.3829, 0.3170, 0.3146

Sweetspot

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



35.3844, 0.3273, 0.3497



64.8831, 0.3172, 0.3353



30.8246, 0.3274, 0.3258



14.5320, 0.3183, 0.3370



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



35.3844, 0.3273, 0.3497



62.8391, 0.3310, 0.3549



35.4869, 0.3213, 0.3530



8.0849, 0.3264, 0.3485



21.2598, 0.4428, 0.4866



0.4863, 0.4332, 0.4942

Inverse Universe

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



30.3402, 0.2978, 0.3074



51.7907, 0.2939, 0.3018



30.2666, 0.3036, 0.3047



6.9966, 0.2987, 0.3087



2.4955, 0.1532, 0.0713



0.0918, 0.1652, 0.1147

Previews

White Background



This preview shows how the Yxy color 35.3829, 0.3273, 0.3497 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 35.3829, 0.3273, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

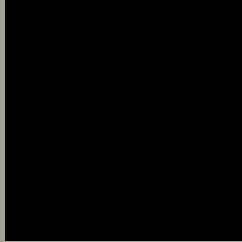
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

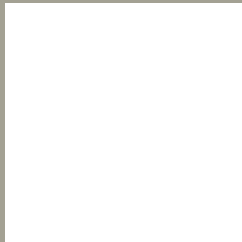
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.3829, 0.3273, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 35.3829, 0.3273, 0.3497.



This preview shows how white text looks on a background with the Yxy color 35.3829, 0.3273, 0.3497.

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

35.3829, 0.3273, 0.3497

Protanopia

35.4324, 0.3324, 0.3495

Deuteranopia

35.2841, 0.3447, 0.3389



Tritanopia

35.4630, 0.3097, 0.3119

Trichromacy



Original Color

35.3829, 0.3273, 0.3497

Protanomaly

35.3239, 0.3313, 0.3495

Deuteranomaly

35.2507, 0.3381, 0.3419

Tritanomaly

35.4042, 0.3158, 0.3247

Monochromacy



Original Color

35.3829, 0.3273, 0.3497

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.0852, 0.3182, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3829, 0.3273, 0.3497 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(163, 161, 147)` looks like.

```
.text, #text, p{  
    color:rgb(163, 161, 147)  
}
```

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(163, 161, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 161, 147) }
```

Border

The CSS property to change the border of an element to Yxy 35.3829, 0.3273, 0.3497 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(163, 161, 147) }
```

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

```
.border{ border-color:rgb(163, 161, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 161, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 161, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 161, 147);  
box-shadow:4px 4px 4px 4px rgb(163, 161,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3829, 0.3273, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 161, 147) }
```

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

```
.background{ background-color: rgb(163,  
161, 147) }
```

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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