

Converting Colors

Yxy(35.9439, 0.3619, 0.3889)

Have a look what the booklet for
Yxy(35.9439, 0.3619, 0.3889)
contains.

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Color

Yxy(36.0810, 0.3623, 0.3897)

Conversions

Conversions Part 1

Format	Color
Hex	ADA278
RGB	173, 162, 120
RGB Percent	68%, 64%, 47%
CMY	0.3216, 0.3647, 0.5295
CMYK	0.00, 0.06, 0.31, 0.32
HSL	48°, 24%, 57%
HSV	48°, 31%, 68%
XYZ	33.5441, 36.0810, 22.9615
YIQ	160.5010, 20.0380, -10.7300

Conversions

Conversions Part 2

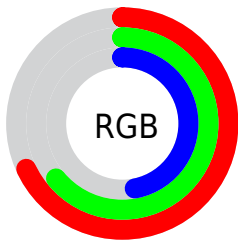
Format	Color
RYB	134, 173, 120
Decimal	11379320
CIELab	66.58, -2.61, 23.34
CIELCh	67, 23.484, 96.389
Yxy	36.0810, 0.3623, 0.3897
Android (android.graphics.Color)	4289569400 (0xFFADA278)
YUV	160.5010, -19.9670, 10.9616
Hunter-Lab	60.0675, -5.4364, 19.3829

Details

The Yxy color **36.0810, 0.3623, 0.3897** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.2390, 0.2617, 0.2599**, and the grayscale version is **35.4850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3009, 0.3525, 0.3777**, and **15.8169, 0.3771, 0.4094** is the 20% darker color. If you saturate the color by 10%, you get **34.4531, 0.3799, 0.4095**, and if you desaturate by 10%, it is **37.8241, 0.3451, 0.3695**.

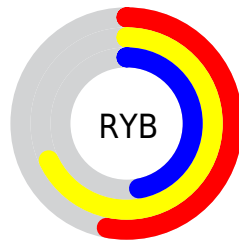
Distribution



Red (68%)

Green (64%)

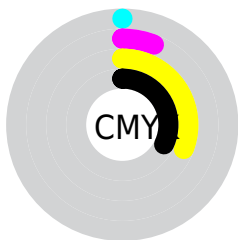
Blue (47%)



Red (53%)

Yellow (68%)

Blue (47%)

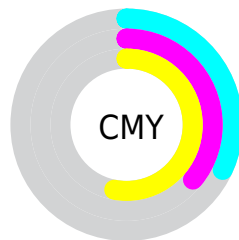


Cyan (0%)

Magenta (6%)

Yellow (31%)

Black (32%)



Cyan (32%)


Magenta (36%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0810, 0.3623, 0.3897 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 36.0810, 0.3623, 0.3897 by changing the saturation by 10% instead.

 36.0810, 0.3623,
0.3897


 36.0810, 0.3623,
0.3897


329.3144, 0.3368,
0.3581

 24.4968, 0.3688,
0.3979


 69.1571, 0.3529,
0.3779

 15.7025, 0.3772,
0.4086


 91.4177, 0.3494,
0.3736

 9.3139, 0.3883,
0.4230


 118.0059, 0.3465,
0.3700

 4.9465, 0.4036,
0.4433

149.3061, 0.3439,
0.3669

 2.2159, 0.4353,
0.4845

185.7026, 0.3418,
0.3642

 0.7286, 0.4632,
0.5368

227.5799, 0.3399,

 0.0000, 0.0000,

0.3619

0.0000

275.3224, 0.3382,
0.3599

■ 36.0810, 0.3623,
0.3897

■ 36.0810, 0.3623,
0.3897

■ 34.4531, 0.3799,
0.4095

■ 37.8241, 0.3451,
0.3695

■ 32.9312, 0.3975,
0.4281

■ 39.6817, 0.3289,
0.3495

■ 31.5122, 0.4144,
0.4444

■ 41.6592, 0.3137,
0.3302

■ 30.1907, 0.4298,
0.4575

■ 43.7602, 0.2997,
0.3119

■ 28.9608, 0.4430,
0.4666

■ 45.9881, 0.2869,
0.2949

■ 27.8155, 0.4535,
0.4711

■ 48.3461, 0.2754,
0.2791

■ 26.8068, 0.4612,
0.4720

■ 50.8375, 0.2650,
0.2645

■ 53.2448, 0.2575,
0.2546

■ 54.8267, 0.2580,
0.2589

Harmonies

Analogous

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



36.0810, 0.3815, 0.3712



36.0810, 0.3623, 0.3897



36.0810, 0.3302, 0.3916

Triad

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



36.0810, 0.3623, 0.3897



36.0810, 0.2485, 0.3079



36.0810, 0.3283, 0.2896

Complementary

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



36.0810, 0.3623, 0.3897



23.2390, 0.2617, 0.2599

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.



36.0810, 0.2923, 0.2740



36.0810, 0.3623, 0.3897



36.0810, 0.2479, 0.2827

Square

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



36.0810, 0.3623, 0.3897



36.0810, 0.2651, 0.3418



36.0810, 0.2634, 0.2711



36.0810, 0.3616, 0.3145

Rectangle

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



36.0810, 0.3623, 0.3897



36.0810, 0.3063, 0.3818



36.0810, 0.2634, 0.2711



36.0810, 0.3160, 0.2832

Sweetspot

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



36.0826, 0.3623, 0.3897



71.5772, 0.3265, 0.3466



23.9665, 0.3654, 0.3119



15.4494, 0.3287, 0.3493



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



36.0826, 0.3623, 0.3897



62.5549, 0.3746, 0.4037



38.5119, 0.3434, 0.4078



9.0438, 0.3268, 0.3469



19.7761, 0.4607, 0.4724



0.6203, 0.4460, 0.4841

Inverse Universe

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



23.2390, 0.2617, 0.2599



35.7576, 0.2485, 0.2409



21.5991, 0.2747, 0.2447



8.0165, 0.2986, 0.3105



3.2078, 0.1564, 0.0831



0.1650, 0.1716, 0.1375

Previews

White Background



This preview shows how the Yxy color 36.0810, 0.3623, 0.3897 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 36.0810, 0.3623, 0.3897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

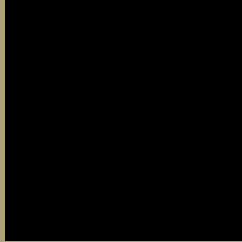
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0810, 0.3623, 0.3897

Background



This preview shows how black text looks on a background with the Yxy color 36.0810, 0.3623, 0.3897.



This preview shows how white text looks on a background with the Yxy color 36.0810, 0.3623, 0.3897.

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

36.0810, 0.3623, 0.3897

Protanopia

36.1954, 0.3633, 0.3895

Deuteranopia

35.8995, 0.3833, 0.3753



Tritanopia

36.1878, 0.3243, 0.3125

Trichromacy



Original Color

36.0810, 0.3623, 0.3897

Protanomaly

36.1954, 0.3633, 0.3895

Deuteranomaly

36.0245, 0.3745, 0.3806

Tritanomaly

36.0352, 0.3381, 0.3389

Monochromacy



Original Color

36.0810, 0.3623, 0.3897

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.5644, 0.3302, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0810, 0.3623, 0.3897 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(173, 162, 120)` looks like.

```
.text, #text, p{  
    color:rgb(173, 162, 120)  
}
```

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(173, 162, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 162, 120) }
```

Border

The CSS property to change the border of an element to Yxy 36.0810, 0.3623, 0.3897 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(173, 162, 120) }
```

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

```
.border{ border-color:rgb(173, 162, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 162, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 162, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 162, 120); box-shadow:4px 4px 4px 4px rgb(173, 162, 120) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0810, 0.3623, 0.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 162, 120) }
```

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

```
.background{ background-color: rgb(173,  
162, 120) }
```

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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