

Converting Colors

$Yxy(36.2275, 0.3419, 0.3583)$

Have a look what the booklet for
Yxy(36.2275, 0.3419, 0.3583)
contains.

Yxy(36.1835, 0.3419, 0.3579)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.1835, 0.3419, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	ACA18D
RGB	172, 161, 141
RGB Percent	67%, 63%, 55%
CMY	0.3254, 0.3686, 0.4472
CMYK	0.00, 0.06, 0.18, 0.33
HSL	39°, 16%, 61%
HSV	39°, 18%, 67%
XYZ	34.5659, 36.1835, 30.3501
YIQ	162.0090, 12.9760, -3.8880

Conversions

Conversions Part 2

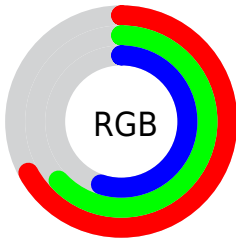
Format	Color
RYB	158, 172, 141
Decimal	11313549
CIELab	66.66, 0.60, 11.87
CIElCh	67, 11.886, 87.098
Yxy	36.1835, 0.3419, 0.3579
Android (android.graphics.Color)	4289503629 (0xFFACA18D)
YUV	162.0090, -10.3574, 8.7621
Hunter-Lab	60.1527, -2.6948, 12.1921

Details

The Yxy color **36.1835, 0.3419, 0.3579** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.0893, 0.2845, 0.2983**, and the grayscale version is **36.1811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5458, 0.3362, 0.3521**, and **15.8291, 0.3500, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **33.6318, 0.3604, 0.3747**, and if you desaturate by 10%, it is **38.9220, 0.3251, 0.3416**.

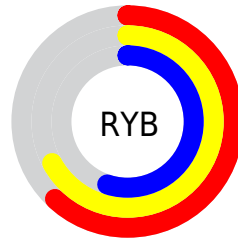
Distribution



Red (67%)

Green (63%)

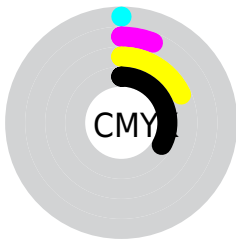
Blue (55%)



Red (62%)

Yellow (67%)

Blue (55%)

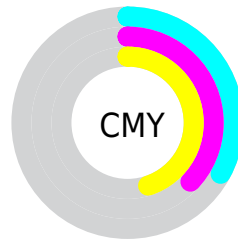


Cyan (0%)

Magenta (6%)

Yellow (18%)

Black (33%)



Cyan (33%)


Magenta (37%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1835, 0.3419, 0.3579 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 36.1835, 0.3419, 0.3579 by changing the saturation by 10% instead.


 36.1835, 0.3419,
0.3579


 36.1835, 0.3419,
0.3579


329.7619, 0.3267,
0.3429

 24.5760, 0.3459,
0.3618


 69.3152, 0.3362,
0.3523

 15.7614, 0.3512,
0.3670


 91.6081, 0.3341,
0.3502

 9.3555, 0.3584,
0.3741


 118.2317, 0.3324,
0.3485

 4.9738, 0.3689,
0.3843

149.5702, 0.3309,
0.3471

 2.2319, 0.3854,
0.4003

186.0080, 0.3296,
0.3458

 0.7373, 0.4925,
0.5075

227.9297, 0.3285,

 0.0000, 0.0000,

0.3447

0.0000

275.7195, 0.3275,
0.3437

■ 36.1835, 0.3419,
0.3579

■ 36.1835, 0.3419,
0.3579

■ 33.6318, 0.3604,
0.3747

■ 38.9220, 0.3251,
0.3416

■ 31.2569, 0.3803,
0.3915

■ 41.8473, 0.3099,
0.3260

■ 29.0550, 0.4013,
0.4075

■ 44.9657, 0.2963,
0.3115

■ 27.0203, 0.4228,
0.4219

■ 48.2816, 0.2842,
0.2979

■ 25.1464, 0.4440,
0.4335

■ 51.7992, 0.2734,
0.2855

■ 23.4264, 0.4638,
0.4413

■ 55.5227, 0.2639,
0.2740

■ 21.8522, 0.4812,
0.4444

■ 59.0382, 0.2588,
0.2700

■ 20.4119, 0.4957,
0.4428

■ 61.9897, 0.2597,
0.2773

■ 20.1425, 0.4985,
0.4424

■ 65.0561, 0.2606,
0.2845

Harmonies

Analogous

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



36.1835, 0.3484, 0.3474



36.1835, 0.3419, 0.3579



36.1835, 0.3275, 0.3608

Triad

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



36.1835, 0.3419, 0.3579



36.1835, 0.2814, 0.3240



36.1835, 0.3152, 0.3052

Complementary

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



36.1835, 0.3419, 0.3579



31.0893, 0.2845, 0.2983

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.



36.1835, 0.2974, 0.2990



36.1835, 0.3419, 0.3579



36.1835, 0.2782, 0.3092

Square

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



36.1835, 0.3419, 0.3579



36.1835, 0.2927, 0.3409



36.1835, 0.2840, 0.3003



36.1835, 0.3328, 0.3173

Rectangle

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



36.1835, 0.3419, 0.3579



36.1835, 0.3156, 0.3576



36.1835, 0.2840, 0.3003



36.1835, 0.3090, 0.3024

Sweetspot

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



36.1851, 0.3419, 0.3579



72.1321, 0.3204, 0.3369



30.0920, 0.3347, 0.3125



15.5989, 0.3215, 0.3380



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.



36.1851, 0.3419, 0.3579



63.5808, 0.3497, 0.3652



39.7426, 0.3353, 0.3735



8.8449, 0.3271, 0.3436



15.0933, 0.4975, 0.4432



0.5179, 0.4685, 0.4662

Inverse Universe

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



31.0893, 0.2845, 0.2983



52.4583, 0.2773, 0.2900



28.0502, 0.2876, 0.2815



8.2046, 0.2986, 0.3140



4.7954, 0.1656, 0.1163



0.2384, 0.1834, 0.1803

Previews

White Background



This preview shows how the Yxy color 36.1835, 0.3419, 0.3579 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 36.1835, 0.3419, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

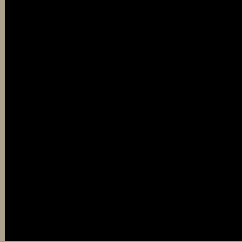
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

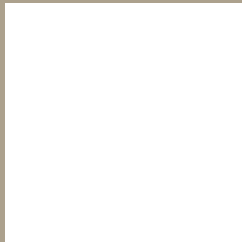
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.1835, 0.3419, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 36.1835, 0.3419, 0.3579.



This preview shows how white text looks on a background with the Yxy color 36.1835, 0.3419, 0.3579.

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

36.1835, 0.3419, 0.3579

Protanopia

36.3098, 0.3396, 0.3594

Deuteranopia

36.0442, 0.3556, 0.3485



Tritanopia

36.2086, 0.3203, 0.3124

Trichromacy



Original Color

36.1835, 0.3419, 0.3579

Protanomaly

36.4217, 0.3406, 0.3594

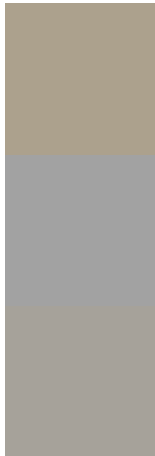
Deuteranomaly

36.1100, 0.3498, 0.3516

Tritanomaly

36.0709, 0.3285, 0.3276

Monochromacy



Original Color

36.1835, 0.3419, 0.3579

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.2807, 0.3237, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1835, 0.3419, 0.3579 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(172, 161, 141)` looks like.

```
.text, #text, p{  
    color:rgb(172, 161, 141)  
}
```

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(172, 161, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 161, 141) }
```

Border

The CSS property to change the border of an element to Yxy 36.1835, 0.3419, 0.3579 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(172, 161, 141) }
```

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

```
.border{ border-color:rgb(172, 161, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 161, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 161, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 161, 141);  
box-shadow:4px 4px 4px 4px rgb(172, 161,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1835, 0.3419, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 161, 141) }
```

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

```
.background{ background-color: rgb(172,  
161, 141) }
```

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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