

Converting Colors

Yxy(39.1607, 0.3213, 0.3348)

Have a look what the booklet for
Yxy(39.1607, 0.3213, 0.3348)
contains.

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Color

Yxy(39.1660, 0.3218, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	ADA7A3
RGB	173, 167, 163
RGB Percent	68%, 65%, 64%
CMY	0.3214, 0.3451, 0.3608
CMYK	0.00, 0.03, 0.06, 0.32
HSL	24°, 6%, 66%
HSV	24°, 6%, 68%
XYZ	37.6677, 39.1660, 40.2195
YIQ	168.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

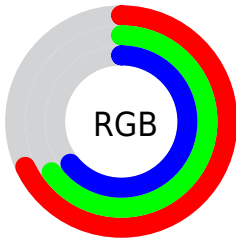
Format	Color
RYB	173, 170, 163
Decimal	11380643
CIELab	68.87, 1.44, 2.83
CIELCh	69, 3.175, 63.007
Yxy	39.1660, 0.3218, 0.3346
Android (android.graphics.Color)	4289570723 (0xFFADA7A3)
YUV	168.3380, -2.6316, 4.0886
Hunter-Lab	62.5827, -2.0830, 5.7046

Details

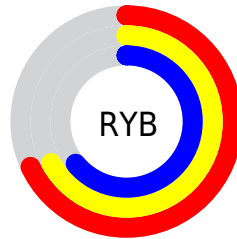
The Yxy color **39.1660, 0.3218, 0.3346** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1904, 0.3040, 0.3233**, and the grayscale version is **39.3465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7985, 0.3196, 0.3333**, and **17.4741, 0.3255, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **34.9297, 0.3395, 0.3448**, and if you desaturate by 10%, it is **43.7972, 0.3066, 0.3251**.

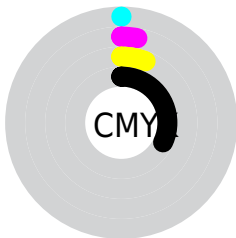
Distribution



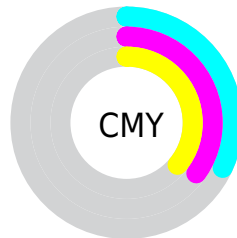
- Red (68%)
- Green (65%)
- Blue (64%)



- Red (68%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (32%)





- Cyan (32%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1660, 0.3218, 0.3346 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 39.1660, 0.3218, 0.3346 by changing the saturation by 10% instead.


 39.1660, 0.3218,
0.3346


 39.1660, 0.3218,
0.3346


342.5957, 0.3171,
0.3317

 26.8889, 0.3230,
0.3353


 73.8918, 0.3201,
0.3335

 17.4898, 0.3246,
0.3363


 97.1094, 0.3194,
0.3332

 10.5843, 0.3268,
0.3376


124.7425, 0.3189,
0.3328

 5.7881, 0.3299,
0.3395

157.1756, 0.3184,
0.3325

 2.7166, 0.3349,
0.3424

194.7931, 0.3180,
0.3323

 0.9857, 0.3443,
0.3480

237.9793, 0.3177,

 0.0000, 0.0000,

0.3321

0.0000

287.1187, 0.3174,
0.3319

■ 39.1660, 0.3218,
0.3346

■ 39.1660, 0.3218,
0.3346

■ 34.9297, 0.3395,
0.3448

■ 43.7972, 0.3066,
0.3251

■ 31.0727, 0.3599,
0.3554

■ 48.8284, 0.2936,
0.3163

■ 27.5855, 0.3835,
0.3662

■ 54.2711, 0.2825,
0.3082

■ 24.4564, 0.4101,
0.3766

■ 60.1346, 0.2728,
0.3008

■ 21.6732, 0.4396,
0.3859

■ 66.4281, 0.2645,
0.2941

■ 19.2226, 0.4710,
0.3929

■ 72.3763, 0.2631,
0.3003

■ 17.0905, 0.5029,
0.3965

■ 78.3209, 0.2646,
0.3121

■ 15.2613, 0.5330,
0.3955

■ 84.6166, 0.2660,
0.3237

■ 13.7174, 0.5589,
0.3894

■ 87.6281, 0.2667,
0.3289

Harmonies

Analogous

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



39.1660, 0.3214, 0.3309



39.1660, 0.3218, 0.3346



39.1660, 0.3197, 0.3368

Triad

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



39.1660, 0.3218, 0.3346



39.1660, 0.3068, 0.3313



39.1660, 0.3096, 0.3212

Complementary

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



39.1660, 0.3218, 0.3346



39.1904, 0.3040, 0.3233

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.



39.1660, 0.3057, 0.3212



39.1660, 0.3218, 0.3346



39.1660, 0.3041, 0.3270

Square

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



39.1660, 0.3218, 0.3346



39.1660, 0.3110, 0.3349



39.1660, 0.3037, 0.3234



39.1660, 0.3144, 0.3232

Rectangle

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



39.1660, 0.3218, 0.3346



39.1660, 0.3172, 0.3372



39.1660, 0.3037, 0.3234



39.1660, 0.3082, 0.3210

Sweetspot

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



39.1677, 0.3218, 0.3346



73.1582, 0.3158, 0.3309



37.9503, 0.3167, 0.3204



15.9191, 0.3156, 0.3308



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.



39.1677, 0.3218, 0.3346



69.0779, 0.3240, 0.3359



40.9846, 0.3212, 0.3413



8.7023, 0.3245, 0.3362



9.7581, 0.5673, 0.3878



0.3802, 0.5123, 0.4314

Inverse Universe

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



39.1904, 0.3040, 0.3233



69.1274, 0.3019, 0.3220



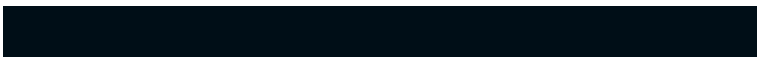
37.4127, 0.3041, 0.3164



8.7089, 0.3015, 0.3217



9.6057, 0.1875, 0.1950



0.3703, 0.2001, 0.2402

Previews

White Background



This preview shows how the Yxy color 39.1660, 0.3218, 0.3346 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 39.1660, 0.3218, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

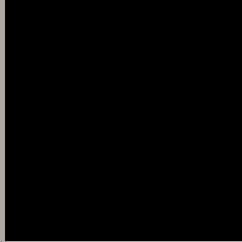
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

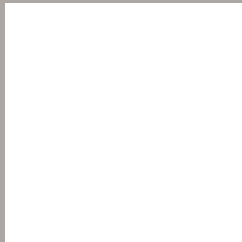
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.1660, 0.3218, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 39.1660, 0.3218, 0.3346.



This preview shows how white text looks on a background with the Yxy color 39.1660, 0.3218, 0.3346.

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

39.1660, 0.3218, 0.3346

Protanopia

39.0524, 0.3208, 0.3346

Deuteranopia

38.9601, 0.3340, 0.3264



Tritanopia

39.2386, 0.3108, 0.3113

Trichromacy



Original Color

39.1660, 0.3218, 0.3346

Protanomaly

39.0524, 0.3208, 0.3346

Deuteranomaly

39.0550, 0.3289, 0.3290

Tritanomaly

39.2882, 0.3141, 0.3194

Monochromacy



Original Color

39.1660, 0.3218, 0.3346

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.3045, 0.3163, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1660, 0.3218, 0.3346 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, 167, 163)` looks like.

```
.text, #text, p{  
    color:rgb(173, 167, 163)  
}
```

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, 167, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 167, 163) }
```

Border

The CSS property to change the border of an element to Yxy 39.1660, 0.3218, 0.3346 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, 167, 163) }
```

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

```
.border{ border-color:rgb(173, 167, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 167, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 167, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 167, 163);  
box-shadow:4px 4px 4px 4px rgb(173, 167,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1660, 0.3218, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 167, 163) }
```

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

```
.background{ background-color: rgb(173,  
167, 163) }
```

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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