

Converting Colors

Yxy(40.5647, 0.3188, 0.3320)

Have a look what the booklet for
Yxy(40.5647, 0.3188, 0.3320)
contains.

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Color

Yxy(40.6906, 0.3190, 0.3318)

Conversions

Conversions Part 1

Format	Color
Hex	AFAAA8
RGB	175, 170, 168
RGB Percent	69%, 67%, 66%
CMY	0.3137, 0.3333, 0.3413
CMYK	0.00, 0.03, 0.04, 0.31
HSL	17°, 4%, 67%
HSV	17°, 4%, 69%
XYZ	39.1209, 40.6906, 42.8245
YIQ	171.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

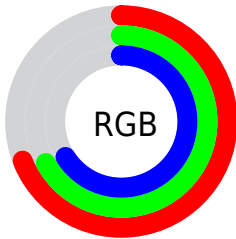
Format	Color
RYB	175, 171, 168
Decimal	11512488
CIE Lab	69.96, 1.42, 1.67
CIE LCh	70, 2.190, 49.666
Yxy	40.6906, 0.3190, 0.3318
Android (android.graphics.Color)	4289702568 (0xFFAFAAA8)
YUV	171.2670, -1.6106, 3.2738
Hunter-Lab	63.7892, -2.1600, 4.8485

Details

The Yxy color $40.6906, 0.3190, 0.3318$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $41.2954, 0.3066, 0.3262$, and the grayscale version is $40.8733, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.1671, 0.3182, 0.3311$, and $18.4288, 0.3215, 0.3328$ is the 20% darker color. If you saturate the color by 10%, you get $35.6356, 0.3367, 0.3391$, and if you desaturate by 10%, it is $46.2788, 0.3041, 0.3250$.

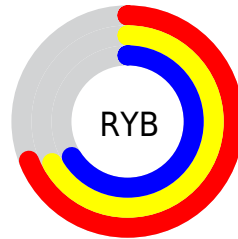
Distribution



Red (69%)

Green (67%)

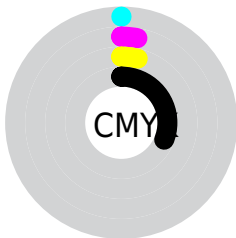
Blue (66%)



Red (69%)

Yellow (67%)

Blue (66%)

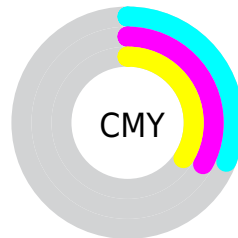


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (31%)



Cyan (31%)

Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.6906, 0.3190, 0.3318 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 40.6906, 0.3190, 0.3318 by changing the saturation by 10% instead.

 40.6906, 0.3190,
0.3318


 40.6906, 0.3190,
0.3318


349.0258, 0.3158,
0.3304

 28.0774, 0.3198,
0.3322


 76.2140, 0.3178,
0.3313

 18.3840, 0.3209,
0.3326

 99.8930, 0.3174,
0.3311

 11.2260, 0.3224,
0.3333


128.0294, 0.3170,
0.3309

 6.2191, 0.3245,
0.3342

161.0075, 0.3167,
0.3308

 2.9788, 0.3278,
0.3356

199.2118, 0.3164,
0.3307

 1.1207, 0.3336,
0.3380

243.0267, 0.3162,

 0.0000, 1.0000,

0.3306

0.0000

292.8366, 0.3160,
0.3305

0.0000, 0.0000,
0.0000

40.6906, 0.3190,
0.3318

40.6906, 0.3190,
0.3318

35.6356, 0.3367,
0.3391

46.2788, 0.3041,
0.3250

31.0927, 0.3576,
0.3469

52.4099, 0.2916,
0.3187

27.0473, 0.3823,
0.3548

59.1000, 0.2810,
0.3130

23.4820, 0.4110,
0.3625

66.3630, 0.2720,
0.3078

20.3784, 0.4437,
0.3693

74.1815, 0.2646,
0.3036

■ 17.7168, 0.4795,
0.3743

■ 81.4482, 0.2663,
0.3176

■ 15.4762, 0.5167,
0.3764

■ 87.8548, 0.2676,
0.3289

■ 13.6334, 0.5523,
0.3744

■ 12.1627, 0.5825,
0.3680

Harmonies

Analogous

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



40.6906, 0.3180, 0.3290



40.6906, 0.3190, 0.3318



40.6906, 0.3183, 0.3338

Triad

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



40.6906, 0.3190, 0.3318



40.6906, 0.3099, 0.3318



40.6906, 0.3093, 0.3235

Complementary

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



40.6906, 0.3190, 0.3318



41.2954, 0.3066, 0.3262

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.



40.6906, 0.3072, 0.3242



40.6906, 0.3190, 0.3318



40.6906, 0.3075, 0.3290

Square

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



40.6906, 0.3190, 0.3318



40.6906, 0.3130, 0.3338



40.6906, 0.3065, 0.3262



40.6906, 0.3124, 0.3243

Rectangle

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



40.6906, 0.3190, 0.3318



40.6906, 0.3170, 0.3345



40.6906, 0.3065, 0.3262



40.6906, 0.3085, 0.3236

Sweetspot

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



40.6924, 0.3190, 0.3318



75.7738, 0.3143, 0.3297



40.1280, 0.3149, 0.3221



16.8535, 0.3142, 0.3297



89.0005, 0.3127, 0.3290



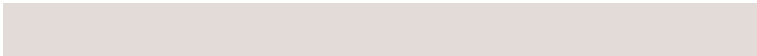
17.0645, 0.3127, 0.3290

Same Dimension

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



40.6924, 0.3190, 0.3318



71.8604, 0.3207, 0.3326



42.0139, 0.3187, 0.3365



8.8000, 0.3216, 0.3329



8.2876, 0.5961, 0.3649



0.3255, 0.5369, 0.4119

Inverse Universe

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



41.2954, 0.3066, 0.3262



73.2173, 0.3050, 0.3254



39.9788, 0.3068, 0.3214



8.9828, 0.3043, 0.3251



12.7316, 0.1983, 0.2338



0.4418, 0.2072, 0.2660

Previews

White Background



This preview shows how the Yxy color 40.6906, 0.3190, 0.3318 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 40.6906, 0.3190, 0.3318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

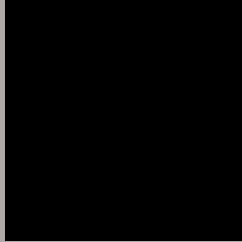
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

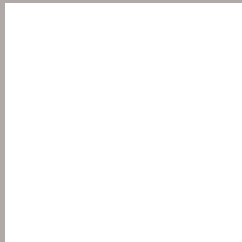
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.6906, 0.3190, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 40.6906, 0.3190, 0.3318.



This preview shows how white text looks on a background with the Yxy color 40.6906, 0.3190, 0.3318.

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

40.6906, 0.3190, 0.3318

Protanopia

40.6906, 0.3190, 0.3318

Deuteranopia

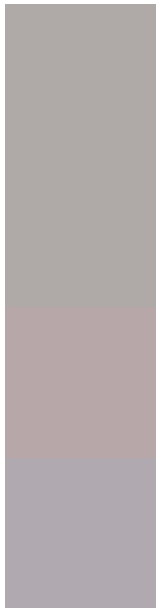
40.4662, 0.3309, 0.3238



Tritanopia

40.6886, 0.3099, 0.3116

Trichromacy



Original Color

40.6906, 0.3190, 0.3318

Protanomaly

40.6906, 0.3190, 0.3318

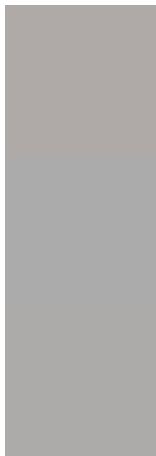
Deuteranomaly

40.5693, 0.3259, 0.3264

Tritanomaly

40.7406, 0.3132, 0.3195

Monochromacy



Original Color

40.6906, 0.3190, 0.3318

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.7988, 0.3145, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6906, 0.3190, 0.3318 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(175, 170, 168)` looks like.

```
.text, #text, p{  
    color:rgb(175, 170, 168)  
}
```

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(175, 170, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 170, 168) }
```

Border

The CSS property to change the border of an element to Yxy 40.6906, 0.3190, 0.3318 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(175, 170, 168) }
```

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

```
.border{ border-color:rgb(175, 170, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 170, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 170, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 170, 168);  
box-shadow:4px 4px 4px 4px rgb(175, 170,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6906, 0.3190, 0.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 170, 168) }
```

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

```
.background{ background-color: rgb(175,  
170, 168) }
```

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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