

Converting Colors

$Yxy(40.8187, 0.3374, 0.3411)$

Have a look what the booklet for
Yxy(40.8187, 0.3374, 0.3411)
contains.

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Color

Yxy(40.9476, 0.3375, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	BAA89F
RGB	186, 168, 159
RGB Percent	73%, 66%, 62%
CMY	0.2707, 0.3411, 0.3766
CMYK	0.00, 0.10, 0.15, 0.27
HSL	20°, 16%, 68%
HSV	20°, 15%, 73%
XYZ	40.5036, 40.9476, 38.5594
YIQ	172.3560, 13.6170, 1.0170

Conversions

Conversions Part 2

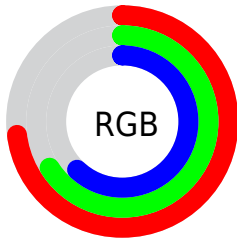
Format	Color
RYB	186, 173, 159
Decimal	12232863
CIELab	70.14, 4.97, 7.02
CIELCh	70, 8.599, 54.687
Yxy	40.9476, 0.3375, 0.3412
Android (android.graphics.Color)	4290422943 (0xFFBAA89F)
YUV	172.3560, -6.5845, 11.9658
Hunter-Lab	63.9903, 1.0010, 9.0661

Details

The Yxy color $40.9476, 0.3375, 0.3412$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $42.3307, 0.2906, 0.3165$, and the grayscale version is $41.4723, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5076, 0.3324, 0.3384$, and $18.5600, 0.3451, 0.3439$ is the 20% darker color. If you saturate the color by 10%, you get $35.9987, 0.3583, 0.3502$, and if you desaturate by 10%, it is $46.4318, 0.3198, 0.3327$.

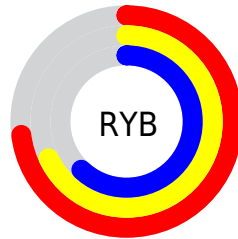
Distribution



Red (73%)

Green (66%)

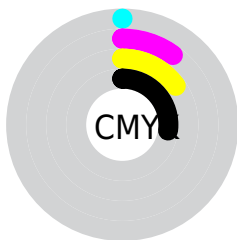
Blue (62%)



Red (73%)

Yellow (68%)

Blue (62%)

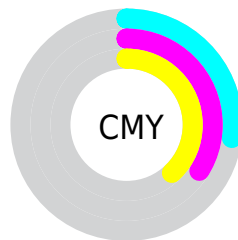


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (27%)



Cyan (27%)


Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9476, 0.3375, 0.3412 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 40.9476, 0.3375, 0.3412 by changing the saturation by 10% instead.

 40.9476, 0.3375,
0.3412

 40.9476, 0.3375,
0.3412


350.1016, 0.3248,
0.3351

 28.2781, 0.3408,
0.3427


 76.6043, 0.3328,
0.3390

 18.5354, 0.3451,
0.3447


 100.3604, 0.3311,
0.3381

 11.3351, 0.3509,
0.3473


128.5808, 0.3296,
0.3374

 6.2927, 0.3593,
0.3510

161.6499, 0.3283,
0.3368

 3.0239, 0.3723,
0.3565

199.9522, 0.3273,
0.3363

 1.1442, 0.3976,
0.3675

243.8719, 0.3263,

 0.0154, 0.8982,

0.3358

0.1018

293.7936, 0.3255,
0.3354

0.0000, 0.0000,
0.0000

40.9476, 0.3375,
0.3412

40.9476, 0.3375,
0.3412

35.9987, 0.3583,
0.3502

46.4318, 0.3198,
0.3327

31.5633, 0.3826,
0.3594

52.4616, 0.3048,
0.3247

27.6259, 0.4106,
0.3682

59.0537, 0.2921,
0.3174

24.1683, 0.4421,
0.3761

66.2225, 0.2812,
0.3107

21.1710, 0.4763,
0.3820

73.9818, 0.2720,
0.3046

■ 18.6130, 0.5115,
0.3847

■ 81.3018, 0.2717,
0.3151

■ 16.4715, 0.5450,
0.3830

■ 88.9261, 0.2731,
0.3285

■ 14.7209, 0.5736,
0.3765

■ 89.1756, 0.2731,
0.3289

■ 13.9102, 0.5874,
0.3718

Harmonies

Analogous

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



40.9476, 0.3346, 0.3307



40.9476, 0.3375, 0.3412



40.9476, 0.3336, 0.3487

Triad

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



40.9476, 0.3375, 0.3412



40.9476, 0.2996, 0.3381



40.9476, 0.3012, 0.3079

Complementary

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



40.9476, 0.3375, 0.3412



42.3307, 0.2906, 0.3165

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.



40.9476, 0.2921, 0.3094



40.9476, 0.3375, 0.3412



40.9476, 0.2913, 0.3266

Square

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



40.9476, 0.3375, 0.3412



40.9476, 0.3116, 0.3471



40.9476, 0.2886, 0.3161



40.9476, 0.3135, 0.3118

Rectangle

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



40.9476, 0.3375, 0.3412



40.9476, 0.3277, 0.3509



40.9476, 0.2886, 0.3161



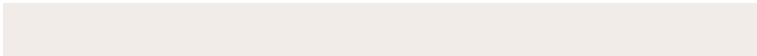
40.9476, 0.2977, 0.3077

Sweetspot

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



40.9494, 0.3375, 0.3412



84.6580, 0.3191, 0.3323



38.3977, 0.3224, 0.3052



18.4688, 0.3203, 0.3329



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



40.9494, 0.3375, 0.3412



71.6696, 0.3429, 0.3437



46.1784, 0.3350, 0.3587



9.4905, 0.3280, 0.3367



9.4865, 0.5851, 0.3736



0.4515, 0.5341, 0.4141

Inverse Universe

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



42.3307, 0.2906, 0.3165



74.5934, 0.2863, 0.3139



37.2769, 0.2899, 0.2974



9.6903, 0.2985, 0.3212



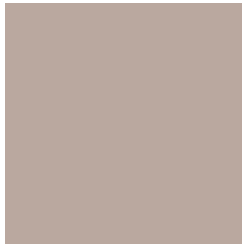
12.1788, 0.1937, 0.2172



0.5383, 0.2026, 0.2494

Previews

White Background



This preview shows how the Yxy color 40.9476, 0.3375, 0.3412 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 40.9476, 0.3375, 0.3412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

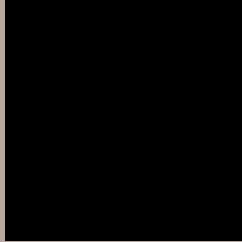
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9476, 0.3375, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 40.9476, 0.3375, 0.3412.



This preview shows how white text looks on a background with the Yxy color 40.9476, 0.3375, 0.3412.

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

40.9476, 0.3375, 0.3412

Protanopia

41.0461, 0.3267, 0.3428

Deuteranopia

41.1131, 0.3447, 0.3383



Tritanopia

40.8160, 0.3228, 0.3120

Trichromacy



Original Color

40.9476, 0.3375, 0.3412

Protanomaly

40.9908, 0.3306, 0.3427

Deuteranomaly

41.0878, 0.3416, 0.3397

Tritanomaly

40.7775, 0.3280, 0.3224

Monochromacy



Original Color

40.9476, 0.3375, 0.3412

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.2630, 0.3216, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9476, 0.3375, 0.3412 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(186, 168, 159)` looks like.

```
.text, #text, p{  
    color:rgb(186, 168, 159)  
}
```

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(186, 168, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 168, 159) }
```

Border

The CSS property to change the border of an element to Yxy 40.9476, 0.3375, 0.3412 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(186, 168, 159) }
```

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

```
.border{ border-color:rgb(186, 168, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 168, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 168, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 168, 159);  
box-shadow:4px 4px 4px 4px rgb(186, 168,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9476, 0.3375, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 168, 159) }
```

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

```
.background{ background-color: rgb(186,  
168, 159) }
```

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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