

Converting Colors

$Yxy(40.1449, 0.3206, 0.3353)$

Have a look what the booklet for
Yxy(40.1449, 0.3206, 0.3353)
contains.

Yxy(40.0912, 0.3207, 0.3346)	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(40.0912, 0.3207, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	AEA9A5
RGB	174, 169, 165
RGB Percent	68%, 66%, 65%
CMY	0.3178, 0.3372, 0.3530
CMYK	0.00, 0.03, 0.05, 0.32
HSL	27°, 5%, 66%
HSV	27°, 5%, 68%
XYZ	38.4257, 40.0912, 41.3014
YIQ	170.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

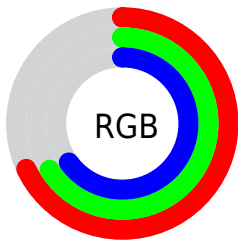
Format	Color
RYB	174, 172, 165
Decimal	11446693
CIELab	69.53, 1.03, 2.70
CIElCh	70, 2.887, 69.097
Yxy	40.0912, 0.3207, 0.3346
Android (android.graphics.Color)	4289636773 (0xFFAEA9A5)
YUV	170.0390, -2.4842, 3.4738
Hunter-Lab	63.3176, -2.4791, 5.6481

Details

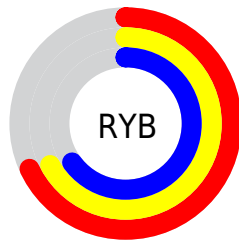
The Yxy color **40.0912, 0.3207, 0.3346** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7689, 0.3049, 0.3233**, and the grayscale version is **40.2273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1366, 0.3189, 0.3333**, and **18.0524, 0.3240, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **36.0721, 0.3380, 0.3460**, and if you desaturate by 10%, it is **44.4603, 0.3057, 0.3239**.

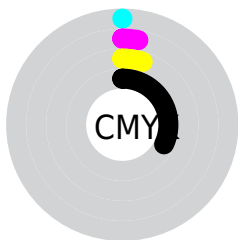
Distribution



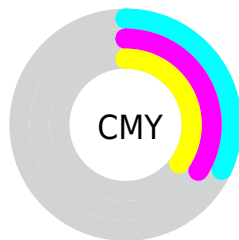
- Red (68%)
- Green (66%)
- Blue (65%)



- Red (68%)
- Yellow (67%)
- Blue (65%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (32%)



- Cyan (32%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.0912, 0.3207, 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 40.0912, 0.3207, 0.3346 by changing the saturation by 10% instead.


 40.0912, 0.3207,
0.3346

 40.0912, 0.3207,
0.3346

346.5078, 0.3166,
0.3317

 27.6097, 0.3218,
0.3353


 75.3024, 0.3192,
0.3335

 18.0316, 0.3231,
0.3363


 98.8008, 0.3186,
0.3332

 10.9727, 0.3250,
0.3376


126.7403, 0.3182,
0.3328

 6.0485, 0.3277,
0.3394

159.5053, 0.3178,
0.3325

 2.8746, 0.3320,
0.3423

197.4801, 0.3174,
0.3323

 1.0666, 0.3396,
0.3474

241.0492, 0.3171,

 0.0000, 0.0000,

0.3321

0.0000

290.5970, 0.3168,
0.3319

■ 40.0912, 0.3207,
0.3346

■ 40.0912, 0.3207,
0.3346

■ 36.0721, 0.3380,
0.3460

■ 44.4603, 0.3057,
0.3239

■ 32.3887, 0.3578,
0.3579

■ 49.1827, 0.2928,
0.3140

■ 29.0335, 0.3803,
0.3700

■ 54.2686, 0.2816,
0.3049

■ 25.9965, 0.4055,
0.3818

■ 59.7259, 0.2719,
0.2966

■ 23.2672, 0.4331,
0.3924

■ 65.5623, 0.2635,
0.2889

■ 20.8346, 0.4623,
0.4008

■ 70.8260, 0.2632,
0.2968

■ 18.6866, 0.4917,
0.4058

■ 76.1857, 0.2645,
0.3078

■ 16.8100, 0.5195,
0.4061

■ 81.8403, 0.2658,
0.3185

■ 15.1900, 0.5436,
0.4012

■ 87.7333, 0.2671,
0.3289

Harmonies

Analogous

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



40.0912, 0.3208, 0.3315



40.0912, 0.3207, 0.3346



40.0912, 0.3184, 0.3363

Triad

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



40.0912, 0.3207, 0.3346



40.0912, 0.3067, 0.3303



40.0912, 0.3108, 0.3222

Complementary

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



40.0912, 0.3207, 0.3346



39.7689, 0.3049, 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.



40.0912, 0.3070, 0.3218



40.0912, 0.3207, 0.3346



40.0912, 0.3047, 0.3265

Square

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



40.0912, 0.3207, 0.3346



40.0912, 0.3103, 0.3338



40.0912, 0.3048, 0.3234



40.0912, 0.3151, 0.3243

Rectangle

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



40.0912, 0.3207, 0.3346



40.0912, 0.3160, 0.3363



40.0912, 0.3048, 0.3234



40.0912, 0.3094, 0.3219

Sweetspot

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



40.0929, 0.3207, 0.3346



75.1747, 0.3158, 0.3312



38.7962, 0.3168, 0.3222



16.7274, 0.3156, 0.3311



89.0005, 0.3127, 0.3290



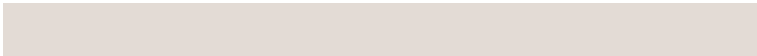
17.0645, 0.3127, 0.3290

Same Dimension

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



40.0929, 0.3207, 0.3346



72.0490, 0.3222, 0.3357



41.7902, 0.3202, 0.3407



8.8426, 0.3229, 0.3361



10.6289, 0.5527, 0.3993



0.4059, 0.5025, 0.4392

Inverse Universe

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



39.7689, 0.3049, 0.3233



71.3569, 0.3035, 0.3223



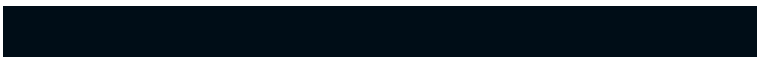
38.1175, 0.3051, 0.3170



8.7519, 0.3029, 0.3218



8.3598, 0.1826, 0.1772



0.3398, 0.1966, 0.2279

Previews

White Background



This preview shows how the Yxy color 40.0912, 0.3207, 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 40.0912, 0.3207, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

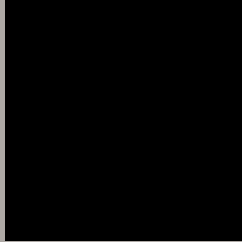
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

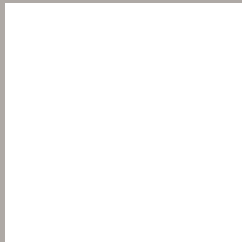
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.0912, 0.3207, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 40.0912, 0.3207, 0.3346.



This preview shows how white text looks on a background with the Yxy color 40.0912, 0.3207, 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

40.0912, 0.3207, 0.3346

Protanopia

40.0912, 0.3207, 0.3346

Deuteranopia

39.9955, 0.3338, 0.3264



Tritanopia

40.1628, 0.3099, 0.3115

Trichromacy



Original Color

40.0912, 0.3207, 0.3346

Protanomaly

40.0912, 0.3207, 0.3346

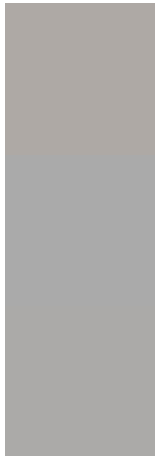
Deuteranomaly

40.0929, 0.3287, 0.3290

Tritanomaly

40.2144, 0.3132, 0.3195

Monochromacy



Original Color

40.0912, 0.3207, 0.3346

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.2345, 0.3153, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0912, 0.3207, 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(174, 169, 165)` looks like.

```
.text, #text, p{  
    color:rgb(174, 169, 165)  
}
```

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(174, 169, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 169, 165) }
```

Border

The CSS property to change the border of an element to Yxy 40.0912, 0.3207, 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(174, 169, 165) }
```

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

```
.border{ border-color:rgb(174, 169, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 169, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 169, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 169, 165);  
box-shadow:4px 4px 4px 4px rgb(174, 169,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0912, 0.3207, 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(174, 169, 165) }
```

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

```
.background{ background-color: rgb(174,  
169, 165) }
```

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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