

Converting Colors

$Yxy(40.6142, 0.3222, 0.3395)$

Have a look what the booklet for
Yxy(40.6142, 0.3222, 0.3395)
contains.

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Color

Yxy(40.7688, 0.3222, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	AEABA3
RGB	174, 171, 163
RGB Percent	68%, 67%, 64%
CMY	0.3178, 0.3294, 0.3608
CMYK	0.00, 0.02, 0.06, 0.32
HSL	44°, 6%, 66%
HSV	44°, 6%, 68%
XYZ	38.6231, 40.7688, 40.4811
YIQ	170.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

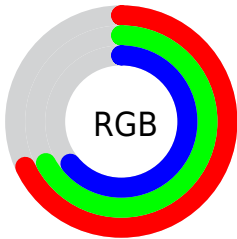
Format	Color
RYB	167, 174, 163
Decimal	11447203
CIELab	70.01, -0.40, 4.49
CIElCh	70, 4.506, 95.141
Yxy	40.7688, 0.3222, 0.3401
Android (android.graphics.Color)	4289637283 (0xFFFAEABA3)
YUV	170.9850, -3.9366, 2.6442
Hunter-Lab	63.8505, -3.7638, 7.1055

Details

The Yxy color **40.7688, 0.3222, 0.3401** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.0934, 0.3032, 0.3176**, and the grayscale version is **40.7337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1127, 0.3200, 0.3375**, and **18.4789, 0.3260, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **38.4527, 0.3383, 0.3584**, and if you desaturate by 10%, it is **43.2368, 0.3074, 0.3227**.

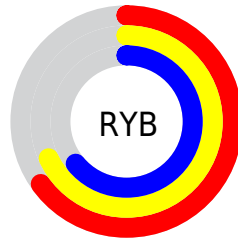
Distribution



Red (68%)

Green (67%)

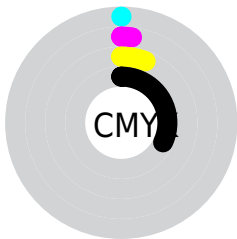
Blue (64%)



Red (65%)

Yellow (68%)

Blue (64%)

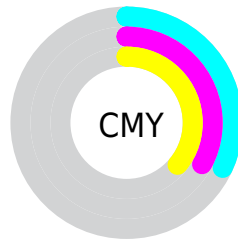


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (32%)



Cyan (32%)


Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7688, 0.3222, 0.3401 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 40.7688, 0.3222, 0.3401 by changing the saturation by 10% instead.


 40.7688, 0.3222,
0.3401


 40.7688, 0.3222,
0.3401


349.3534, 0.3174,
0.3344

 28.1385, 0.3234,
0.3416


 76.3328, 0.3204,
0.3380

 18.4301, 0.3251,
0.3435


 100.0353, 0.3198,
0.3372

 11.2592, 0.3273,
0.3461


128.1972, 0.3192,
0.3366

 6.2415, 0.3304,
0.3498

161.2031, 0.3187,
0.3360

 2.9924, 0.3353,
0.3556

199.4372, 0.3183,
0.3355

 1.1278, 0.3441,
0.3660

243.2841, 0.3179,

 0.0015, 0.0000,

0.3351

1.0000

293.1280, 0.3176,
0.3348

0.0000, 0.0000,
0.0000

40.7688, 0.3222,
0.3401

40.7688, 0.3222,
0.3401

38.4527, 0.3383,
0.3584

43.2368, 0.3074,
0.3227

36.2791, 0.3557,
0.3772

45.8553, 0.2940,
0.3063

34.2453, 0.3741,
0.3959

48.6298, 0.2819,
0.2911

32.3467, 0.3931,
0.4140

51.5639, 0.2711,
0.2771

30.5784, 0.4121,
0.4303

54.6610, 0.2614,
0.2642

■ 28.9347, 0.4303,
0.4440

■ 57.1014, 0.2593,
0.2647

■ 27.4097, 0.4469,
0.4540

■ 59.2889, 0.2600,
0.2703

■ 25.9963, 0.4610,
0.4595

■ 61.5431, 0.2607,
0.2758

■ 24.6853, 0.4722,
0.4604

■ 63.8647, 0.2613,
0.2813

Harmonies

Analogous

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



40.7688, 0.3254, 0.3371



40.7688, 0.3222, 0.3401



40.7688, 0.3165, 0.3401

Triad

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



40.7688, 0.3222, 0.3401



40.7688, 0.3005, 0.3258



40.7688, 0.3155, 0.3212

Complementary

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



40.7688, 0.3222, 0.3401



38.0934, 0.3032, 0.3176

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.



40.7688, 0.3088, 0.3182



40.7688, 0.3222, 0.3401



40.7688, 0.3002, 0.3208

Square

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



40.7688, 0.3222, 0.3401



40.7688, 0.3040, 0.3318



40.7688, 0.3033, 0.3180



40.7688, 0.3215, 0.3262

Rectangle

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



40.7688, 0.3222, 0.3401



40.7688, 0.3121, 0.3384



40.7688, 0.3033, 0.3180



40.7688, 0.3133, 0.3199

Sweetspot

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



40.7706, 0.3222, 0.3401



75.8644, 0.3157, 0.3325



37.9445, 0.3204, 0.3247



16.8725, 0.3156, 0.3324



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.



40.7706, 0.3222, 0.3401



73.1943, 0.3251, 0.3434



41.6272, 0.3197, 0.3442



8.9603, 0.3269, 0.3455



17.6763, 0.4753, 0.4608



0.5756, 0.4550, 0.4769

Inverse Universe

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



38.0934, 0.3032, 0.3176



66.9982, 0.3004, 0.3142



37.2867, 0.3055, 0.3135



8.0946, 0.2986, 0.3119



3.7654, 0.1598, 0.0953



0.1956, 0.1768, 0.1564

Previews

White Background



This preview shows how the Yxy color 40.7688, 0.3222, 0.3401 looks on a white background.

Color Contrast Check

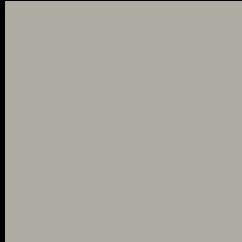
Large Text (above 18pt) WCAG AA × Fail

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 40.7688, 0.3222, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

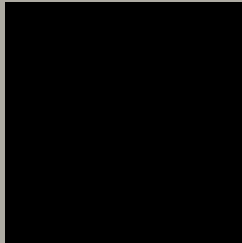
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

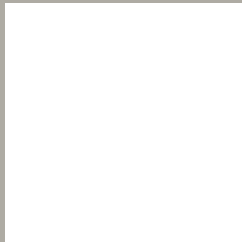
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.7688, 0.3222, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 40.7688, 0.3222, 0.3401.



This preview shows how white text looks on a background with the Yxy color 40.7688, 0.3222, 0.3401.

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

40.7688, 0.3222, 0.3401

Protanopia

40.6239, 0.3242, 0.3387

Deuteranopia

40.5378, 0.3374, 0.3304



Tritanopia

40.6886, 0.3099, 0.3116

Trichromacy



Original Color

40.7688, 0.3222, 0.3401

Protanomaly

40.5078, 0.3233, 0.3387

Deuteranomaly

40.5081, 0.3313, 0.3331

Tritanomaly

40.6620, 0.3149, 0.3222

Monochromacy



Original Color

40.7688, 0.3222, 0.3401

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.7236, 0.3161, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7688, 0.3222, 0.3401 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, 171, 163)` looks like.

```
.text, #text, p{  
    color:rgb(174, 171, 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(174, 171, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 171, 163) }
```

Border

The CSS property to change the border of an element to Yxy 40.7688, 0.3222, 0.3401 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, 171, 163) }
```

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

```
.border{ border-color:rgb(174, 171, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 171, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 171, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 171, 163);  
box-shadow:4px 4px 4px 4px rgb(174, 171,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7688, 0.3222, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 171, 163) }
```

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

```
.background{ background-color: rgb(174,  
171, 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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