

Converting Colors

$Y_{xy}(41.2242, 0.3209, 0.3409)$

Have a look what the booklet for
Yxy(41.2242, 0.3209, 0.3409)
contains.

Yxy(41.0696, 0.3203, 0.3401)	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(41.0696, 0.3203, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	ADACA4
RGB	173, 172, 164
RGB Percent	68%, 67%, 64%
CMY	0.3218, 0.3254, 0.3569
CMYK	0.00, 0.01, 0.05, 0.32
HSL	54°, 5%, 66%
HSV	54°, 5%, 68%
XYZ	38.6786, 41.0696, 41.0092
YIQ	171.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

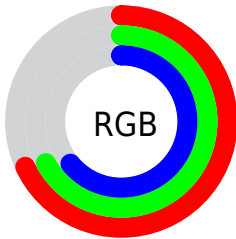
Format	Color
RYB	165, 173, 164
Decimal	11381924
CIELab	70.22, -1.14, 4.23
CIELCh	70, 4.379, 105.035
Yxy	41.0696, 0.3203, 0.3401
Android (android.graphics.Color)	4289572004 (0xFFADACA4)
YUV	171.3870, -3.6418, 1.4146
Hunter-Lab	64.0856, -4.4167, 6.9194

Details

The Yxy color **41.0696, 0.3203, 0.3401** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7928, 0.3050, 0.3177**, and the grayscale version is **40.9445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5466, 0.3186, 0.3375**, and **18.6677, 0.3233, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **39.8075, 0.3356, 0.3622**, and if you desaturate by 10%, it is **42.4296, 0.3059, 0.3189**.

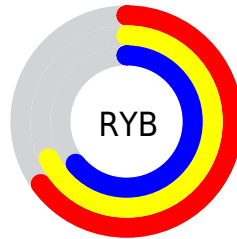
Distribution



Red (68%)

Green (67%)

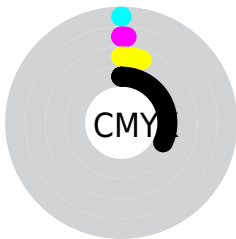
Blue (64%)



Red (65%)

Yellow (68%)

Blue (64%)

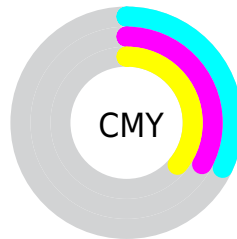


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (32%)



Cyan (32%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0696, 0.3203, 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 41.0696, 0.3203, 0.3401 by changing the saturation by 10% instead.

 41.0696, 0.3203,
0.3401


 41.0696, 0.3203,
0.3401


350.6114, 0.3164,
0.3344

 28.3735, 0.3213,
0.3416


 76.7895, 0.3189,
0.3380

 18.6074, 0.3226,
0.3435


 100.5821, 0.3183,
0.3372

 11.3869, 0.3243,
0.3461


128.8424, 0.3179,
0.3366

 6.3277, 0.3268,
0.3498

161.9546, 0.3175,
0.3360

 3.0454, 0.3307,
0.3556

200.3032, 0.3172,
0.3355

 1.1555, 0.3374,
0.3659

244.2726, 0.3169,

 0.0249, 0.0000,

0.3351

1.0000

294.2472, 0.3167,
0.3348

0.0000, 0.0000,
0.0000

41.0696, 0.3203,
0.3401

41.0696, 0.3203,
0.3401

39.8075, 0.3356,
0.3622

42.4296, 0.3059,
0.3189

38.6344, 0.3514,
0.3847

43.8853, 0.2925,
0.2989

37.5484, 0.3674,
0.4069

45.4416, 0.2801,
0.2803

36.5457, 0.3831,
0.4281

47.1015, 0.2688,
0.2631

35.6219, 0.3979,
0.4474

48.8677, 0.2586,
0.2474

■ 34.7723, 0.4111,
0.4637

■ 49.8930, 0.2563,
0.2451

■ 33.9916, 0.4221,
0.4763

■ 50.6397, 0.2566,
0.2473

■ 33.2738, 0.4306,
0.4846

■ 51.3959, 0.2568,
0.2494

■ 32.6112, 0.4364,
0.4887

■ 52.1617, 0.2571,
0.2516

Harmonies

Analogous

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



41.0696, 0.3243, 0.3381



41.0696, 0.3203, 0.3401



41.0696, 0.3143, 0.3391

Triad

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



41.0696, 0.3203, 0.3401



41.0696, 0.3004, 0.3241



41.0696, 0.3175, 0.3229

Complementary

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



41.0696, 0.3203, 0.3401



37.7928, 0.3050, 0.3177

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.



41.0696, 0.3111, 0.3192



41.0696, 0.3203, 0.3401



41.0696, 0.3013, 0.3199

Square

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



41.0696, 0.3203, 0.3401



41.0696, 0.3029, 0.3298



41.0696, 0.3051, 0.3181



41.0696, 0.3227, 0.3282

Rectangle

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



41.0696, 0.3203, 0.3401



41.0696, 0.3100, 0.3368



41.0696, 0.3051, 0.3181



41.0696, 0.3154, 0.3214

Sweetspot

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



41.0714, 0.3203, 0.3401



74.3491, 0.3157, 0.3333



38.1472, 0.3202, 0.3276



16.1636, 0.3155, 0.3331



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.



41.0714, 0.3203, 0.3401



73.3856, 0.3217, 0.3421



41.0414, 0.3171, 0.3415



9.2668, 0.3223, 0.3430



23.7950, 0.4385, 0.4900



0.7019, 0.4320, 0.4952

Inverse Universe

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



37.7928, 0.3050, 0.3177



66.4990, 0.3036, 0.3155



37.8280, 0.3082, 0.3164



8.3403, 0.3030, 0.3146



2.5773, 0.1524, 0.0687



0.1135, 0.1617, 0.1019

Previews

White Background



This preview shows how the Yxy color 41.0696, 0.3203, 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 41.0696, 0.3203, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

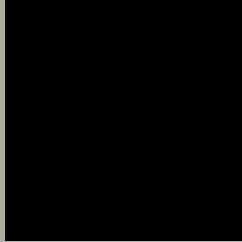
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

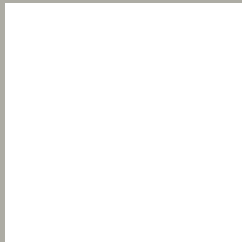
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.0696, 0.3203, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 41.0696, 0.3203, 0.3401.



This preview shows how white text looks on a background with the Yxy color 41.0696, 0.3203, 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

41.0696, 0.3203, 0.3401

Protanopia

41.1173, 0.3250, 0.3400

Deuteranopia

41.0654, 0.3372, 0.3304



Tritanopia

41.0249, 0.3073, 0.3102

Trichromacy



Original Color

41.0696, 0.3203, 0.3401

Protanomaly

41.0003, 0.3241, 0.3400

Deuteranomaly

40.9122, 0.3302, 0.3331

Tritanomaly

40.9980, 0.3122, 0.3209

Monochromacy



Original Color

41.0696, 0.3203, 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 41.0696, 0.3203, 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(173, 172, 164)` looks like.

```
.text, #text, p{  
    color:rgb(173, 172, 164)  
}
```

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, 172, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 172, 164) }
```

Border

The CSS property to change the border of an element to Yxy 41.0696, 0.3203, 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(173, 172, 164) }
```

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

```
.border{ border-color:rgb(173, 172, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 172, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 172, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 172, 164);  
box-shadow:4px 4px 4px 4px rgb(173, 172,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0696, 0.3203, 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(173, 172, 164) }
```

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

```
.background{ background-color: rgb(173,  
172, 164) }
```

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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