

Converting Colors

$Yxy(41.7458, 0.3284, 0.3394)$

Have a look what the booklet for
Yxy(41.7458, 0.3284, 0.3394)
contains.

Yxy(41.6299, 0.3279, 0.3385)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.6299, 0.3279, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	B5ABA4
RGB	181, 171, 164
RGB Percent	71%, 67%, 64%
CMY	0.2900, 0.3294, 0.3569
CMYK	0.00, 0.06, 0.09, 0.29
HSL	25°, 10%, 68%
HSV	25°, 9%, 71%
XYZ	40.3263, 41.6299, 41.0273
YIQ	173.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

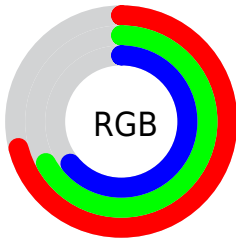
Format	Color
RYB	181, 176, 164
Decimal	11905956
CIELab	70.62, 2.37, 4.88
CIELCh	71, 5.426, 64.100
Yxy	41.6299, 0.3279, 0.3385
Android (android.graphics.Color)	4290096036 (0xFFB5ABA4)
YUV	173.1920, -4.5317, 6.8476
Hunter-Lab	64.5212, -1.3483, 7.4640

Details

The Yxy color **41.6299, 0.3279, 0.3385** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5177, 0.2984, 0.3193**, and the grayscale version is **41.9157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5117, 0.3250, 0.3363**, and **18.9527, 0.3326, 0.3422** is the 20% darker color. If you saturate the color by 10%, you get **37.1538, 0.3465, 0.3492**, and if you desaturate by 10%, it is **46.5283, 0.3118, 0.3284**.

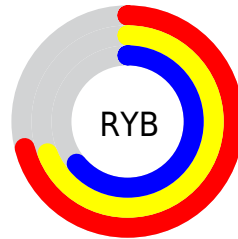
Distribution



Red (71%)

Green (67%)

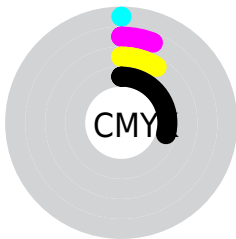
Blue (64%)



Red (71%)

Yellow (69%)

Blue (64%)

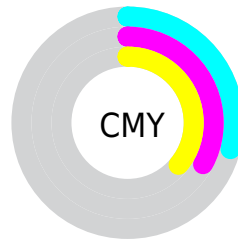


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (29%)



Cyan (29%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6299, 0.3279, 0.3385 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 41.6299, 0.3279, 0.3385 by changing the saturation by 10% instead.


 41.6299, 0.3279,
0.3385

 41.6299, 0.3279,
0.3385


352.9464, 0.3201,
0.3337

 28.8116, 0.3299,
0.3397


 77.6392, 0.3250,
0.3367

 18.9383, 0.3325,
0.3413

 101.5990, 0.3240,
0.3361

 11.6257, 0.3360,
0.3434


130.0414, 0.3231,
0.3355

 6.4894, 0.3410,
0.3464

163.3508, 0.3223,
0.3351

 3.1449, 0.3488,
0.3510

201.9116, 0.3217,
0.3347

 1.2078, 0.3626,
0.3587

246.1082, 0.3211,

 0.0681, 0.6429,

0.3343

0.3571

296.3250, 0.3206,
0.3340

0.0000, 0.0000,
0.0000

41.6299, 0.3279,
0.3385

41.6299, 0.3279,
0.3385

37.1538, 0.3465,
0.3492

46.5283, 0.3118,
0.3284

33.0829, 0.3680,
0.3603

51.8545, 0.2981,
0.3191

29.4069, 0.3926,
0.3713

57.6210, 0.2862,
0.3105

26.1130, 0.4201,
0.3817

63.8380, 0.2760,
0.3026

23.1878, 0.4501,
0.3906

70.5155, 0.2672,
0.2954

■ 20.6166, 0.4815,
0.3968

■ 76.4758, 0.2682,
0.3069

■ 18.3838, 0.5125,
0.3990

■ 82.7713, 0.2695,
0.3188

■ 16.4722, 0.5408,
0.3962

■ 88.5688, 0.2706,
0.3289

■ 14.8570, 0.5650,
0.3889

Harmonies

Analogous

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



41.6299, 0.3274, 0.3324



41.6299, 0.3279, 0.3385



41.6299, 0.3242, 0.3422

Triad

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



41.6299, 0.3279, 0.3385



41.6299, 0.3025, 0.3325



41.6299, 0.3078, 0.3161

Complementary

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



41.6299, 0.3279, 0.3385



41.5177, 0.2984, 0.3193

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.



41.6299, 0.3012, 0.3160



41.6299, 0.3279, 0.3385



41.6299, 0.2982, 0.3254

Square

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



41.6299, 0.3279, 0.3385



41.6299, 0.3096, 0.3388



41.6299, 0.2978, 0.3193



41.6299, 0.3158, 0.3195

Rectangle

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



41.6299, 0.3279, 0.3385



41.6299, 0.3200, 0.3427



41.6299, 0.2978, 0.3193



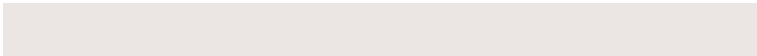
41.6299, 0.3054, 0.3156

Sweetspot

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



41.6317, 0.3279, 0.3385



80.0166, 0.3174, 0.3320



39.4414, 0.3197, 0.3153



17.1417, 0.3187, 0.3328



91.1408, 0.3127, 0.3290



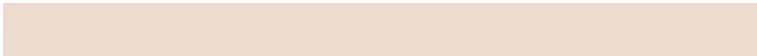
17.8868, 0.3127, 0.3290

Same Dimension

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



41.6317, 0.3279, 0.3385



73.0539, 0.3310, 0.3403



44.8843, 0.3267, 0.3495



9.0592, 0.3277, 0.3384



10.3073, 0.5642, 0.3902



0.4404, 0.5143, 0.4298

Inverse Universe

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



41.5177, 0.2984, 0.3193



72.8141, 0.2957, 0.3174



38.3918, 0.2983, 0.3076



9.0347, 0.2986, 0.3194



9.6428, 0.1863, 0.1907



0.4149, 0.1982, 0.2335

Previews

White Background



This preview shows how the Yxy color 41.6299, 0.3279, 0.3385 looks on a white background.

Color Contrast Check

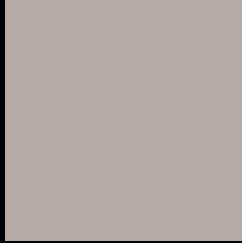
Large Text (above 18pt) WCAG AA × Fail

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 41.6299, 0.3279, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

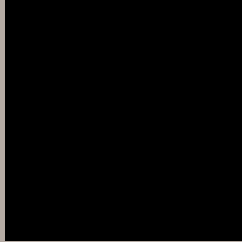
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

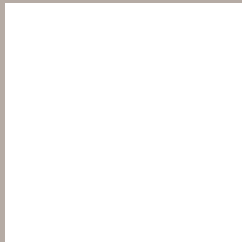
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6299, 0.3279, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 41.6299, 0.3279, 0.3385.



This preview shows how white text looks on a background with the Yxy color 41.6299, 0.3279, 0.3385.

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

41.6299, 0.3279, 0.3385

Protanopia

41.6866, 0.3241, 0.3386

Deuteranopia

41.5605, 0.3380, 0.3317



Tritanopia

41.5730, 0.3154, 0.3106

Trichromacy



Original Color

41.6299, 0.3279, 0.3385

Protanomaly

41.8054, 0.3250, 0.3385

Deuteranomaly

41.4132, 0.3340, 0.3330

Tritanomaly

41.5384, 0.3204, 0.3210

Monochromacy



Original Color

41.6299, 0.3279, 0.3385

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.6374, 0.3180, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6299, 0.3279, 0.3385 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(181, 171, 164)` looks like.

```
.text, #text, p{  
    color:rgb(181, 171, 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(181, 171, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 171, 164) }
```

Border

The CSS property to change the border of an element to Yxy 41.6299, 0.3279, 0.3385 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(181, 171, 164) }
```

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

```
.border{ border-color:rgb(181, 171, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 171, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 171, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 171, 164);  
box-shadow:4px 4px 4px 4px rgb(181, 171,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6299, 0.3279, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 171, 164) }
```

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

```
.background{ background-color: rgb(181,  
171, 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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