

Converting Colors

$Yxy(41.6698, 0.3204, 0.3338)$

Have a look what the booklet for
Yxy(41.6698, 0.3204, 0.3338)
contains.

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Color

Yxy(41.6793, 0.3206, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	B1ACA8
RGB	177, 172, 168
RGB Percent	69%, 67%, 66%
CMY	0.3059, 0.3254, 0.3413
CMYK	0.00, 0.03, 0.05, 0.31
HSL	27°, 5%, 68%
HSV	27°, 5%, 69%
XYZ	39.9473, 41.6793, 42.9752
YIQ	173.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

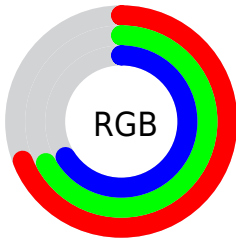
Format	Color
RYB	177, 175, 168
Decimal	11644072
CIELab	70.65, 1.04, 2.69
CIELCh	71, 2.884, 68.822
Yxy	41.6793, 0.3206, 0.3345
Android (android.graphics.Color)	4289834152 (0xFFB1ACA8)
YUV	173.0390, -2.4842, 3.4738
Hunter-Lab	64.5595, -2.5291, 5.7242

Details

The Yxy color **41.6793, 0.3206, 0.3345** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3651, 0.3050, 0.3234**, and the grayscale version is **41.8206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5895, 0.3195, 0.3332**, and **18.9790, 0.3224, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **37.4810, 0.3379, 0.3458**, and if you desaturate by 10%, it is **46.2447, 0.3056, 0.3239**.

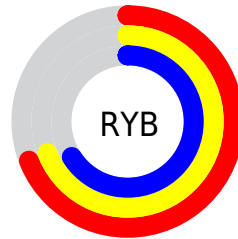
Distribution



Red (69%)

Green (67%)

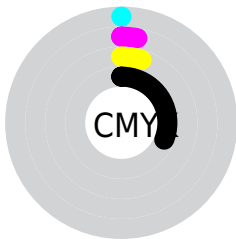
Blue (66%)



Red (69%)

Yellow (69%)

Blue (66%)

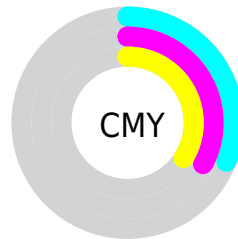


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (31%)



Cyan (31%)


Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6793, 0.3206, 0.3345 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 41.6793, 0.3206, 0.3345 by changing the saturation by 10% instead.

 41.6793, 0.3206,
0.3345


 41.6793, 0.3206,
0.3345


353.1518, 0.3166,
0.3317

 28.8503, 0.3216,
0.3352


 77.7140, 0.3191,
0.3335

 18.9676, 0.3230,
0.3361


 101.6885, 0.3186,
0.3331

 11.6468, 0.3248,
0.3374


130.1469, 0.3181,
0.3328

 6.5037, 0.3274,
0.3391


163.4737, 0.3177,
0.3325

 3.1537, 0.3314,
0.3419

202.0531, 0.3174,
0.3323

 1.2125, 0.3385,
0.3466

246.2697, 0.3171,

 0.0719, 0.5660,

0.3321

0.4340

296.5078, 0.3168,
0.3319

0.0000, 0.0000,
0.0000

41.6793, 0.3206,
0.3345

41.6793, 0.3206,
0.3345

37.4810, 0.3379,
0.3458

46.2447, 0.3056,
0.3239

33.6348, 0.3577,
0.3577

51.1807, 0.2927,
0.3140

30.1327, 0.3803,
0.3698

56.4980, 0.2815,
0.3050

26.9643, 0.4056,
0.3815

62.2049, 0.2718,
0.2967

24.1186, 0.4333,
0.3921

68.2143, 0.2642,
0.2906

■ 21.5838, 0.4627,
0.4004

■ 73.5228, 0.2655,
0.3019

■ 19.3474, 0.4922,
0.4054

■ 79.1366, 0.2667,
0.3129

■ 17.3956, 0.5201,
0.4056

■ 85.0606, 0.2680,
0.3237

■ 15.7127, 0.5444,
0.4006

■ 88.0852, 0.2686,
0.3289

Harmonies

Analogous

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



41.6793, 0.3207, 0.3314



41.6793, 0.3206, 0.3345



41.6793, 0.3184, 0.3362

Triad

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



41.6793, 0.3206, 0.3345



41.6793, 0.3068, 0.3303



41.6793, 0.3108, 0.3223

Complementary

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



41.6793, 0.3206, 0.3345



41.3651, 0.3050, 0.3234

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.



41.6793, 0.3071, 0.3219



41.6793, 0.3206, 0.3345



41.6793, 0.3048, 0.3266

Square

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



41.6793, 0.3206, 0.3345



41.6793, 0.3104, 0.3337



41.6793, 0.3049, 0.3235



41.6793, 0.3150, 0.3244

Rectangle

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



41.6793, 0.3206, 0.3345



41.6793, 0.3160, 0.3362



41.6793, 0.3049, 0.3235



41.6793, 0.3094, 0.3219

Sweetspot

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



41.6811, 0.3206, 0.3345



77.0909, 0.3158, 0.3312



40.3636, 0.3166, 0.3221



16.7262, 0.3156, 0.3311



89.0005, 0.3127, 0.3290



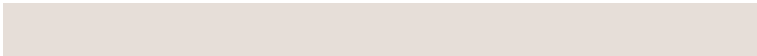
17.0645, 0.3127, 0.3290

Same Dimension

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



41.6811, 0.3206, 0.3345



73.8715, 0.3222, 0.3356



43.3727, 0.3201, 0.3404



9.3845, 0.3229, 0.3361



10.9684, 0.5536, 0.3986



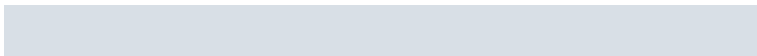
0.4621, 0.5070, 0.4356

Inverse Universe

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



41.3651, 0.3050, 0.3234



73.1971, 0.3035, 0.3223



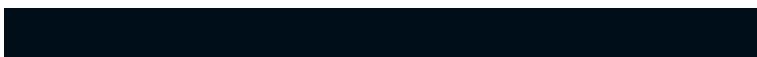
39.7166, 0.3052, 0.3174



9.2927, 0.3028, 0.3218



8.7170, 0.1827, 0.1778



0.3886, 0.1956, 0.2243

Previews

White Background



This preview shows how the Yxy color 41.6793, 0.3206, 0.3345 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 41.6793, 0.3206, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

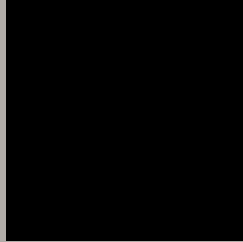
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

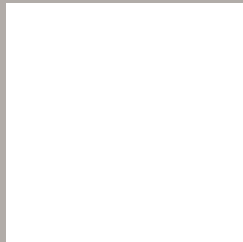
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6793, 0.3206, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 41.6793, 0.3206, 0.3345.



This preview shows how white text looks on a background with the Yxy color 41.6793, 0.3206, 0.3345.

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

41.6793, 0.3206, 0.3345

Protanopia

41.6793, 0.3206, 0.3345

Deuteranopia

41.5784, 0.3334, 0.3264



Tritanopia

41.7521, 0.3099, 0.3117

Trichromacy



Original Color

41.6793, 0.3206, 0.3345

Protanomaly

41.6793, 0.3206, 0.3345

Deuteranomaly

41.6796, 0.3284, 0.3290

Tritanomaly

41.8051, 0.3132, 0.3196

Monochromacy



Original Color

41.6793, 0.3206, 0.3345

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.8261, 0.3153, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6793, 0.3206, 0.3345 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(177, 172, 168)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 168)  
}
```

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(177, 172, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 168) }
```

Border

The CSS property to change the border of an element to Yxy 41.6793, 0.3206, 0.3345 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(177, 172, 168) }
```

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

```
.border{ border-color:rgb(177, 172, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 172, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 168);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6793, 0.3206, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 168) }
```

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

```
.background{ background-color: rgb(177,  
172, 168) }
```

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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