

Converting Colors

$Yxy(41.6675, 0.3250, 0.3351)$

Have a look what the booklet for
Yxy(41.6675, 0.3250, 0.3351)
contains.

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Color

Yxy(41.6191, 0.3243, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	B4ABA7
RGB	180, 171, 167
RGB Percent	71%, 67%, 65%
CMY	0.2941, 0.3294, 0.3450
CMYK	0.00, 0.05, 0.07, 0.29
HSL	18°, 8%, 68%
HSV	18°, 7%, 71%
XYZ	40.3621, 41.6191, 42.4779
YIQ	173.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

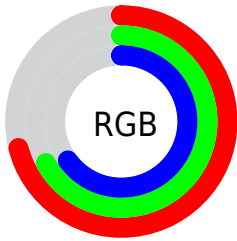
Format	Color
RYB	180, 173, 167
Decimal	11840423
CIELab	70.61, 2.51, 3.18
CIELCh	71, 4.057, 51.722
Yxy	41.6191, 0.3243, 0.3344
Android (android.graphics.Color)	4290030503 (0xFFB4ABA7)
YUV	173.2350, -3.0739, 5.9329
Hunter-Lab	64.5129, -1.2201, 6.1201

Details

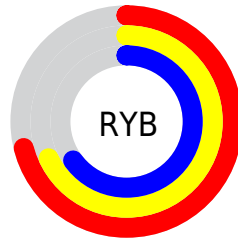
The Yxy color **41.6191, 0.3243, 0.3344** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5742, 0.3018, 0.3235**, and the grayscale version is **41.9303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4995, 0.3223, 0.3332**, and **18.9435, 0.3276, 0.3365** is the 20% darker color. If you saturate the color by 10%, you get **36.5047, 0.3429, 0.3423**, and if you desaturate by 10%, it is **47.2754, 0.3086, 0.3270**.

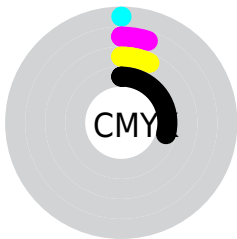
Distribution



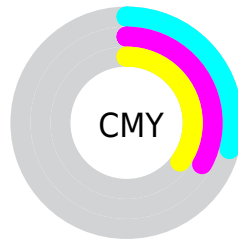
- Red (71%)
- Green (67%)
- Blue (65%)



- Red (71%)
- Yellow (68%)
- Blue (65%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (29%)





- Cyan (29%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6191, 0.3243, 0.3344 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 41.6191, 0.3243, 0.3344 by changing the saturation by 10% instead.


 41.6191, 0.3243,
0.3344

 41.6191, 0.3243,
0.3344


352.9015, 0.3184,
0.3317

 28.8032, 0.3258,
0.3351


 77.6228, 0.3221,
0.3334

 18.9320, 0.3278,
0.3360


 101.5794, 0.3213,
0.3330

 11.6211, 0.3305,
0.3372


130.0183, 0.3206,
0.3327

 6.4863, 0.3343,
0.3389

163.3239, 0.3200,
0.3325

 3.1429, 0.3403,
0.3414

201.8806, 0.3195,
0.3322

 1.2068, 0.3508,
0.3458

246.0729, 0.3191,

 0.0673, 0.6507,

0.3320

0.3493

296.2851, 0.3187,
0.3318

0.0000, 0.0000,
0.0000

41.6191, 0.3243,
0.3344

41.6191, 0.3243,
0.3344

36.5047, 0.3429,
0.3423

47.2754, 0.3086,
0.3270

31.9105, 0.3649,
0.3506

53.4835, 0.2953,
0.3201

27.8216, 0.3906,
0.3590

60.2599, 0.2841,
0.3139

24.2200, 0.4202,
0.3670

67.6188, 0.2746,
0.3082

21.0870, 0.4535,
0.3737

75.4426, 0.2675,
0.3051

■ 18.4021, 0.4893,
0.3783

■ 82.7806, 0.2690,
0.3190

■ 16.1436, 0.5256,
0.3795

■ 88.4433, 0.2701,
0.3289

■ 14.2875, 0.5593,
0.3762

■ 12.8052, 0.5871,
0.3686

Harmonies

Analogous

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



41.6191, 0.3227, 0.3294



41.6191, 0.3243, 0.3344



41.6191, 0.3228, 0.3380

Triad

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



41.6191, 0.3243, 0.3344



41.6191, 0.3071, 0.3338



41.6191, 0.3068, 0.3189

Complementary

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



41.6191, 0.3243, 0.3344



42.5742, 0.3018, 0.3235

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.



41.6191, 0.3027, 0.3200



41.6191, 0.3243, 0.3344



41.6191, 0.3029, 0.3285

Square

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



41.6191, 0.3243, 0.3344



41.6191, 0.3128, 0.3377



41.6191, 0.3013, 0.3235



41.6191, 0.3125, 0.3205

Rectangle

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



41.6191, 0.3243, 0.3344



41.6191, 0.3202, 0.3392



41.6191, 0.3013, 0.3235



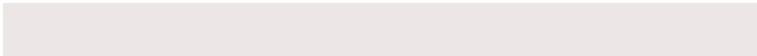
41.6191, 0.3052, 0.3190

Sweetspot

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



41.6209, 0.3243, 0.3344



80.6477, 0.3158, 0.3305



40.4896, 0.3169, 0.3168



17.4549, 0.3157, 0.3304



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.



41.6209, 0.3243, 0.3344



73.5859, 0.3277, 0.3359



44.0989, 0.3235, 0.3429



8.9159, 0.3280, 0.3360



8.7957, 0.5921, 0.3681



0.3827, 0.5365, 0.4122

Inverse Universe

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



42.5742, 0.3018, 0.3235



75.7527, 0.2988, 0.3220



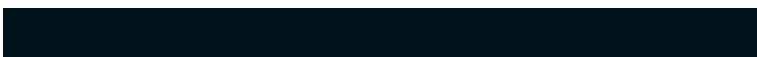
40.1216, 0.3018, 0.3147



9.1833, 0.2986, 0.3219



12.6329, 0.1965, 0.2274



0.4949, 0.2053, 0.2591

Previews

White Background



This preview shows how the Yxy color 41.6191, 0.3243, 0.3344 looks on a white background.

Color Contrast Check

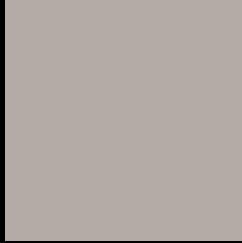
Large Text (above 18pt) WCAG AA × Fail

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 41.6191, 0.3243, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

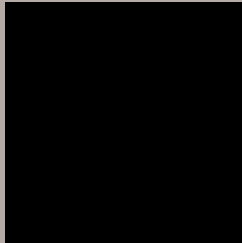
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

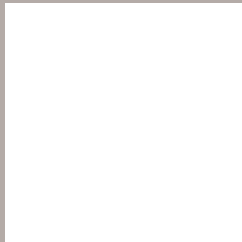
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6191, 0.3243, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 41.6191, 0.3243, 0.3344.



This preview shows how white text looks on a background with the Yxy color 41.6191, 0.3243, 0.3344.

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

41.6191, 0.3243, 0.3344

Protanopia

41.6793, 0.3206, 0.3345

Deuteranopia

41.5410, 0.3343, 0.3278



Tritanopia

41.6984, 0.3135, 0.3118

Trichromacy



Original Color

41.6191, 0.3243, 0.3344

Protanomaly

41.7972, 0.3215, 0.3344

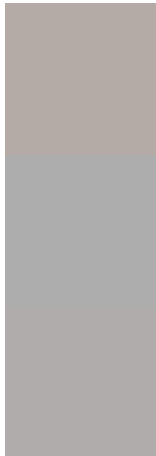
Deuteranomaly

41.3972, 0.3304, 0.3291

Tritanomaly

41.7475, 0.3168, 0.3197

Monochromacy



Original Color

41.6191, 0.3243, 0.3344

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.6754, 0.3172, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6191, 0.3243, 0.3344 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(180, 171, 167)` looks like.

```
.text, #text, p{  
    color:rgb(180, 171, 167)  
}
```

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(180, 171, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 171, 167) }
```

Border

The CSS property to change the border of an element to Yxy 41.6191, 0.3243, 0.3344 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(180, 171, 167) }
```

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

```
.border{ border-color:rgb(180, 171, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 171, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 171, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 171, 167);  
box-shadow:4px 4px 4px 4px rgb(180, 171,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6191, 0.3243, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 171, 167) }
```

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

```
.background{ background-color: rgb(180,  
171, 167) }
```

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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