

Converting Colors

$Yxy(41.5007, 0.3310, 0.3377)$

Have a look what the booklet for
Yxy(41.5007, 0.3310, 0.3377)
contains.

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Color

Yxy(41.5841, 0.3317, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	B8AAA3
RGB	184, 170, 163
RGB Percent	72%, 67%, 64%
CMY	0.2785, 0.3333, 0.3609
CMYK	0.00, 0.08, 0.11, 0.28
HSL	20°, 13%, 68%
HSV	20°, 11%, 72%
XYZ	40.7487, 41.5841, 40.5153
YIQ	173.3880, 10.5910, 0.7910

Conversions

Conversions Part 2

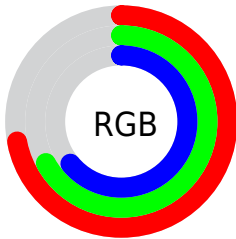
Format	Color
RYB	184, 174, 163
Decimal	12102307
CIELab	70.58, 3.81, 5.43
CIElCh	71, 6.635, 54.910
Yxy	41.5841, 0.3317, 0.3385
Android (android.graphics.Color)	4290292387 (0xFFB8AAA3)
YUV	173.3880, -5.1213, 9.3067
Hunter-Lab	64.4857, -0.0553, 7.8891

Details

The Yxy color **41.5841, 0.3317, 0.3385** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6689, 0.2953, 0.3193**, and the grayscale version is **42.0196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4376, 0.3280, 0.3363**, and **18.9299, 0.3380, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **36.5968, 0.3515, 0.3474**, and if you desaturate by 10%, it is **47.0982, 0.3149, 0.3301**.

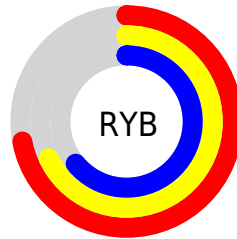
Distribution



Red (72%)

Green (67%)

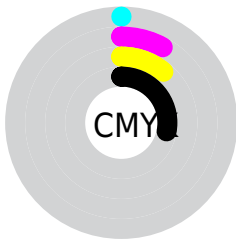
Blue (64%)



Red (72%)

Yellow (68%)

Blue (64%)

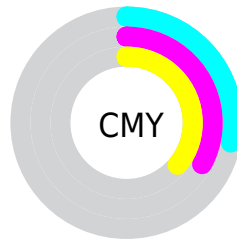


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5841, 0.3317, 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 41.5841, 0.3317, 0.3385 by changing the saturation by 10% instead.


 41.5841, 0.3317,
0.3385


 41.5841, 0.3317,
0.3385


352.7560, 0.3220,
0.3337

 28.7758, 0.3342,
0.3397


 77.5698, 0.3281,
0.3368

 18.9113, 0.3375,
0.3412


 101.5159, 0.3268,
0.3361

 11.6062, 0.3419,
0.3433


129.9435, 0.3257,
0.3356

 6.4761, 0.3482,
0.3462

163.2368, 0.3247,
0.3351

 3.1367, 0.3580,
0.3506

201.7803, 0.3239,
0.3347

 1.2035, 0.3754,
0.3580

245.9584, 0.3232,

 0.0646, 0.7052,

0.3343

0.2948

296.1555, 0.3226,
0.3340

0.0000, 0.0000,
0.0000

41.5841, 0.3317,
0.3385

41.5841, 0.3317,
0.3385

36.5968, 0.3515,
0.3474

47.0982, 0.3149,
0.3301

32.1150, 0.3747,
0.3565

53.1485, 0.3006,
0.3224

28.1241, 0.4015,
0.3655

59.7513, 0.2885,
0.3153

24.6064, 0.4319,
0.3738

66.9205, 0.2782,
0.3087

21.5436, 0.4654,
0.3805

74.6693, 0.2694,
0.3028

■ 18.9156, 0.5005,
0.3843

■ 81.7707, 0.2708,
0.3164

■ 16.7007, 0.5348,
0.3841

■ 88.9291, 0.2721,
0.3289

■ 14.8752, 0.5653,
0.3791

■ 13.5929, 0.5873,
0.3719

Harmonies

Analogous

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



41.5841, 0.3295, 0.3305



41.5841, 0.3317, 0.3385



41.5841, 0.3287, 0.3442

Triad

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



41.5841, 0.3317, 0.3385



41.5841, 0.3026, 0.3359



41.5841, 0.3039, 0.3127

Complementary

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



41.5841, 0.3317, 0.3385



42.6689, 0.2953, 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.



41.5841, 0.2969, 0.3139



41.5841, 0.3317, 0.3385



41.5841, 0.2962, 0.3272

Square

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



41.5841, 0.3317, 0.3385



41.5841, 0.3118, 0.3428



41.5841, 0.2941, 0.3191



41.5841, 0.3134, 0.3158

Rectangle

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



41.5841, 0.3317, 0.3385



41.5841, 0.3242, 0.3458



41.5841, 0.2941, 0.3191



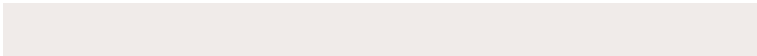
41.5841, 0.3012, 0.3126

Sweetspot

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



41.5859, 0.3317, 0.3385



83.6972, 0.3174, 0.3315



39.5472, 0.3202, 0.3104



17.8653, 0.3187, 0.3321



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.5859, 0.3317, 0.3385



72.7580, 0.3369, 0.3410



45.6720, 0.3300, 0.3522



9.4906, 0.3280, 0.3367



9.4874, 0.5851, 0.3736



0.4515, 0.5341, 0.4142

Inverse Universe

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



42.6689, 0.2953, 0.3193



75.1567, 0.2910, 0.3167



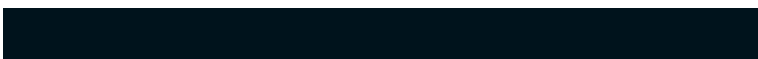
38.6892, 0.2951, 0.3046



9.6902, 0.2985, 0.3212



12.1768, 0.1937, 0.2172



0.5383, 0.2026, 0.2494

Previews

White Background



This preview shows how the Yxy color 41.5841, 0.3317, 0.3385 looks on a white background.

Color Contrast Check

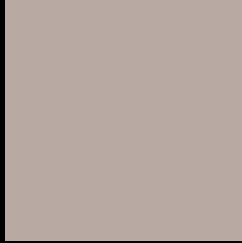
Large Text (above 18pt) WCAG AA × Fail

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 41.5841, 0.3317, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

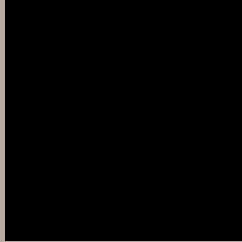
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5841, 0.3317, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 41.5841, 0.3317, 0.3385.



This preview shows how white text looks on a background with the Yxy color 41.5841, 0.3317, 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

41.5841, 0.3317, 0.3385

Protanopia

41.6504, 0.3249, 0.3399

Deuteranopia

41.6552, 0.3399, 0.3330



Tritanopia

41.3718, 0.3190, 0.3120

Trichromacy



Original Color

41.5841, 0.3317, 0.3385

Protanomaly

41.5095, 0.3269, 0.3385

Deuteranomaly

41.6327, 0.3368, 0.3343

Tritanomaly

41.3755, 0.3232, 0.3211

Monochromacy



Original Color

41.5841, 0.3317, 0.3385

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7167, 0.3197, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5841, 0.3317, 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(184, 170, 163)` looks like.

```
.text, #text, p{  
    color:rgb(184, 170, 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(184, 170, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 170, 163) }
```

Border

The CSS property to change the border of an element to Yxy 41.5841, 0.3317, 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(184, 170, 163) }
```

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

```
.border{ border-color:rgb(184, 170, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 170, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 170, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 170, 163);  
box-shadow:4px 4px 4px 4px rgb(184, 170,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5841, 0.3317, 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(184, 170, 163) }
```

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

```
.background{ background-color: rgb(184,  
170, 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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