

Converting Colors

$Yxy(41.0279, 0.3275, 0.3368)$

Have a look what the booklet for
Yxy(41.0279, 0.3275, 0.3368)
contains.

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Color

Yxy(41.1331, 0.3271, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	B4AAA4
RGB	180, 170, 164
RGB Percent	71%, 67%, 64%
CMY	0.2940, 0.3333, 0.3569
CMYK	0.00, 0.06, 0.09, 0.29
HSL	22°, 10%, 67%
HSV	22°, 9%, 71%
XYZ	39.9011, 41.1331, 40.9501
YIQ	172.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

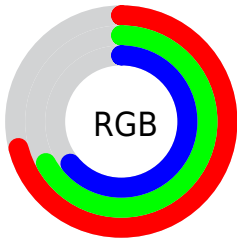
Format	Color
RYB	180, 174, 164
Decimal	11840164
CIELab	70.27, 2.54, 4.37
CIELCh	70, 5.057, 59.903
Yxy	41.1331, 0.3271, 0.3372
Android (android.graphics.Color)	4290030244 (0xFFB4AAA4)
YUV	172.3060, -4.0949, 6.7476
Hunter-Lab	64.1351, -1.1843, 7.0380

Details

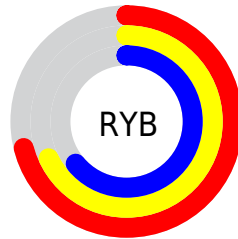
The Yxy color **41.1331, 0.3271, 0.3372** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4638, 0.2992, 0.3207**, and the grayscale version is **41.4381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7978, 0.3244, 0.3353**, and **18.6387, 0.3315, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **36.4897, 0.3458, 0.3470**, and if you desaturate by 10%, it is **46.2334, 0.3111, 0.3280**.

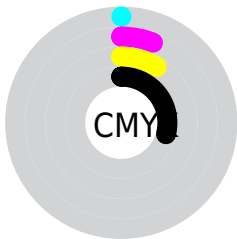
Distribution



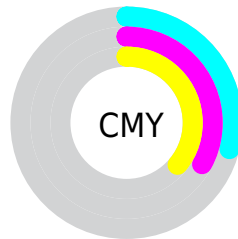
- Red (71%)
- Green (67%)
- Blue (64%)



- Red (71%)
- Yellow (68%)
- 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 41.1331, 0.3271, 0.3372 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 41.1331, 0.3271, 0.3372 by changing the saturation by 10% instead.


 41.1331, 0.3271,
0.3372

 41.1331, 0.3271,
0.3372


350.8766, 0.3197,
0.3331

 28.4231, 0.3290,
0.3383


 76.8859, 0.3244,
0.3357

 18.6448, 0.3315,
0.3396


 100.6975, 0.3234,
0.3351

 11.4139, 0.3348,
0.3415


128.9784, 0.3225,
0.3346

 6.3460, 0.3396,
0.3441

162.1130, 0.3218,
0.3342

 3.0566, 0.3471,
0.3480

200.4858, 0.3212,
0.3339

 1.1613, 0.3604,
0.3548

244.4810, 0.3206,

 0.0298, 0.7518,

0.3336

0.2482

294.4832, 0.3202,
0.3333

0.0000, 0.0000,
0.0000

41.1331, 0.3271,
0.3372

41.1331, 0.3271,
0.3372

36.4897, 0.3458,
0.3470

46.2334, 0.3111,
0.3280

32.2850, 0.3676,
0.3571

51.7974, 0.2974,
0.3195

28.5071, 0.3926,
0.3672

57.8388, 0.2857,
0.3117

25.1420, 0.4210,
0.3768

64.3690, 0.2757,
0.3046

22.1745, 0.4522,
0.3849

71.3989, 0.2671,
0.2980

■ 19.5886, 0.4852,
0.3905

■ 77.7953, 0.2680,
0.3097

■ 17.3668, 0.5180,
0.3922

■ 84.5367, 0.2694,
0.3221

■ 15.4899, 0.5481,
0.3891

■ 88.4464, 0.2701,
0.3289

■ 13.9323, 0.5736,
0.3815

Harmonies

Analogous

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



41.1331, 0.3261, 0.3312



41.1331, 0.3271, 0.3372



41.1331, 0.3242, 0.3411

Triad

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



41.1331, 0.3271, 0.3372



41.1331, 0.3040, 0.3332



41.1331, 0.3071, 0.3167

Complementary

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



41.1331, 0.3271, 0.3372



41.4638, 0.2992, 0.3207

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.



41.1331, 0.3013, 0.3170



41.1331, 0.3271, 0.3372



41.1331, 0.2995, 0.3265

Square

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



41.1331, 0.3271, 0.3372



41.1331, 0.3108, 0.3388



41.1331, 0.2986, 0.3206



41.1331, 0.3145, 0.3195

Rectangle

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



41.1331, 0.3271, 0.3372



41.1331, 0.3204, 0.3419



41.1331, 0.2986, 0.3206



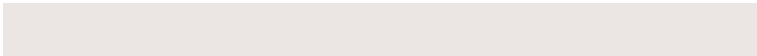
41.1331, 0.3049, 0.3164

Sweetspot

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



41.1349, 0.3271, 0.3372



79.8766, 0.3174, 0.3318



39.3131, 0.3189, 0.3153



17.1038, 0.3187, 0.3325



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.



41.1349, 0.3271, 0.3372



72.5737, 0.3311, 0.3394



44.1821, 0.3260, 0.3477



9.0099, 0.3278, 0.3376



9.7343, 0.5741, 0.3823



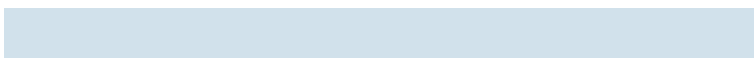
0.4206, 0.5215, 0.4242

Inverse Universe

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



41.4638, 0.2992, 0.3207



73.3104, 0.2957, 0.3184



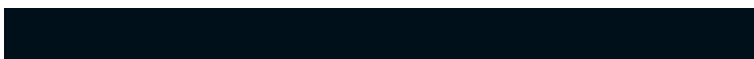
38.5042, 0.2991, 0.3096



9.0854, 0.2986, 0.3203



10.6001, 0.1898, 0.2032



0.4412, 0.2007, 0.2423

Previews

White Background



This preview shows how the Yxy color 41.1331, 0.3271, 0.3372 looks on a white background.

Color Contrast Check

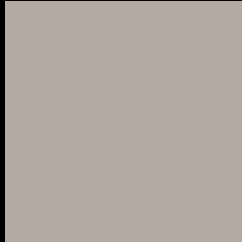
Large Text (above 18pt) WCAG AA × Fail

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 41.1331, 0.3271, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

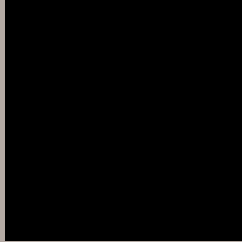
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

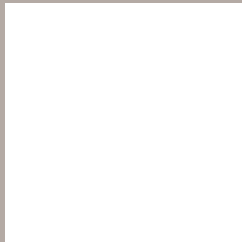
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1331, 0.3271, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 41.1331, 0.3271, 0.3372.



This preview shows how white text looks on a background with the Yxy color 41.1331, 0.3271, 0.3372.

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

41.1331, 0.3271, 0.3372

Protanopia

41.1895, 0.3233, 0.3372

Deuteranopia

41.0654, 0.3372, 0.3304



Tritanopia

40.9187, 0.3145, 0.3105

Trichromacy



Original Color

41.1331, 0.3271, 0.3372

Protanomaly

41.3074, 0.3242, 0.3372

Deuteranomaly

40.9188, 0.3332, 0.3317

Tritanomaly

40.9242, 0.3187, 0.3197

Monochromacy



Original Color

41.1331, 0.3271, 0.3372

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.1044, 0.3180, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1331, 0.3271, 0.3372 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, 170, 164)` looks like.

```
.text, #text, p{  
    color:rgb(180, 170, 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(180, 170, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 170, 164) }
```

Border

The CSS property to change the border of an element to Yxy 41.1331, 0.3271, 0.3372 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, 170, 164) }
```

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

```
.border{ border-color:rgb(180, 170, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 170, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 170, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 170, 164); box-shadow:4px 4px 4px 4px rgb(180, 170, 164) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1331, 0.3271, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 170, 164) }
```

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

```
.background{ background-color: rgb(180,  
170, 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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