

Converting Colors

$Y_{xy}(47.2270, 0.3228, 0.3461)$

Have a look what the booklet for
Yxy(47.2270, 0.3228, 0.3461)
contains.

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Color

Yxy(47.2885, 0.3221, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	B7B8AB
RGB	183, 184, 171
RGB Percent	72%, 72%, 67%
CMY	0.2826, 0.2783, 0.3294
CMYK	0.01, 0.00, 0.07, 0.28
HSL	65°, 8%, 70%
HSV	65°, 7%, 72%
XYZ	44.0093, 47.2885, 45.3347
YIQ	182.2190, 3.5770, -4.2550

Conversions

Conversions Part 2

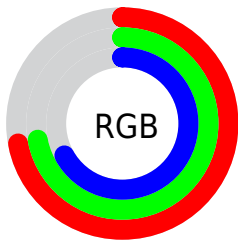
Format	Color
RYB	171, 184, 172
Decimal	12040363
CIELab	74.37, -2.73, 6.47
CIELCh	74, 7.024, 112.835
Yxy	47.2885, 0.3221, 0.3461
Android (android.graphics.Color)	4290230443 (0xFFB7B8AB)
YUV	182.2190, -5.5310, 0.6849
Hunter-Lab	68.7666, -6.1051, 9.0495

Details

The Yxy color **47.2885, 0.3221, 0.3461** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.3661, 0.3030, 0.3114**, and the grayscale version is **46.9307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1619, 0.3207, 0.3433**, and **22.3103, 0.3245, 0.3506** is the 20% darker color. If you saturate the color by 10%, you get **46.4513, 0.3356, 0.3711**, and if you desaturate by 10%, it is **48.2295, 0.3089, 0.3221**.

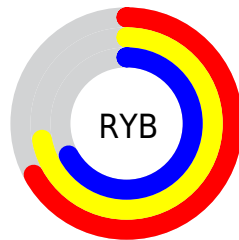
Distribution



Red (72%)

Green (72%)

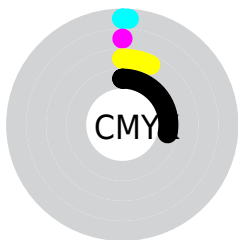
Blue (67%)



Red (67%)

Yellow (72%)

Blue (67%)

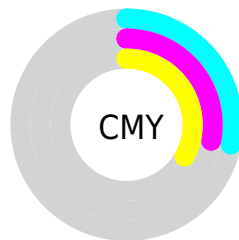


Cyan (1%)

Magenta (0%)

Yellow (7%)

Black (28%)



Cyan (28%)

Magenta (28%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.2885, 0.3221, 0.3461 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 47.2885, 0.3221, 0.3461 by changing the saturation by 10% instead.

■ 47.2885, 0.3221,
0.3461

■ 47.2885, 0.3221,
0.3461

375.9649, 0.3174,
0.3375

■ 33.2638, 0.3233,
0.3483

■ 86.1441, 0.3204,
0.3430

■ 22.3286, 0.3247,
0.3510

111.7438, 0.3198,
0.3418

■ 14.0985, 0.3267,
0.3547

141.9706, 0.3192,
0.3408

■ 8.1892, 0.3294,
0.3599

177.2089, 0.3188,
0.3400

■ 4.2163, 0.3334,
0.3678

217.8430, 0.3184,
0.3392

■ 1.7953, 0.3399,
0.3809

264.2575, 0.3180,

■ 0.4842, 0.4133,

0.3386

0.5083

316.8367, 0.3177,
0.3380

0.0000, 0.0000,
0.0000

47.2885, 0.3221,
0.3461

47.2885, 0.3221,
0.3461

46.4513, 0.3356,
0.3711

48.2295, 0.3089,
0.3221

45.7077, 0.3492,
0.3964

49.2720, 0.2963,
0.2995

45.0556, 0.3623,
0.4215

50.4216, 0.2845,
0.2785

44.4902, 0.3745,
0.4452

51.6817, 0.2736,
0.2592

44.0066, 0.3851,
0.4667

52.5289, 0.2683,
0.2491

■ 43.5991, 0.3937,
0.4850

■ 52.7268, 0.2693,
0.2493

■ 43.2615, 0.3999,
0.4993

■ 52.9267, 0.2704,
0.2496

■ 42.9864, 0.4035,
0.5094

■ 53.1286, 0.2715,
0.2498

■ 42.7634, 0.4047,
0.5153

■ 53.3327, 0.2725,
0.2500

Harmonies

Analogous

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



47.2885, 0.3293, 0.3441



47.2885, 0.3221, 0.3461



47.2885, 0.3125, 0.3434

Triad

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



47.2885, 0.3221, 0.3461



47.2885, 0.2938, 0.3195



47.2885, 0.3223, 0.3216

Complementary

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



47.2885, 0.3221, 0.3461



41.3661, 0.3030, 0.3114

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.



47.2885, 0.3127, 0.3152



47.2885, 0.3221, 0.3461



47.2885, 0.2964, 0.3139

Square

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



47.2885, 0.3221, 0.3461



47.2885, 0.2963, 0.3278



47.2885, 0.3032, 0.3124



47.2885, 0.3294, 0.3299

Rectangle

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



47.2885, 0.3221, 0.3461



47.2885, 0.3060, 0.3392



47.2885, 0.3032, 0.3124



47.2885, 0.3193, 0.3192

Sweetspot

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



47.2906, 0.3221, 0.3461



86.5400, 0.3154, 0.3339



42.5875, 0.3245, 0.3302



18.6601, 0.3152, 0.3336



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.



47.2906, 0.3221, 0.3461



85.5356, 0.3235, 0.3487



46.5352, 0.3167, 0.3464



10.4646, 0.3251, 0.3517



29.4373, 0.4051, 0.5166



1.0489, 0.4090, 0.5135

Inverse Universe

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



41.3661, 0.3030, 0.3114



73.2824, 0.3014, 0.3086



42.0966, 0.3085, 0.3117



8.7540, 0.2997, 0.3055



2.4697, 0.1532, 0.0617



0.0991, 0.1654, 0.0685

Previews

White Background



This preview shows how the Yxy color 47.2885, 0.3221, 0.3461 looks on a white background.

Color Contrast Check

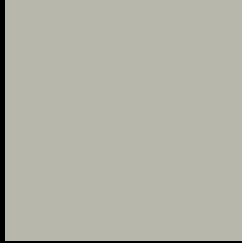
Large Text (above 18pt) WCAG AA × Fail

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 47.2885, 0.3221, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

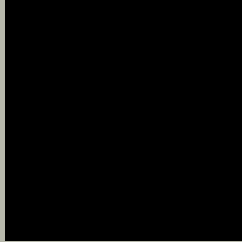
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

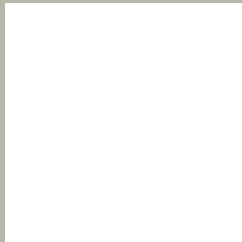
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.2885, 0.3221, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 47.2885, 0.3221, 0.3461.



This preview shows how white text looks on a background with the Yxy color 47.2885, 0.3221, 0.3461.

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

47.2885, 0.3221, 0.3461

Protanopia

47.1770, 0.3285, 0.3446

Deuteranopia

47.2602, 0.3410, 0.3353



Tritanopia

47.0218, 0.3060, 0.3100

Trichromacy



Original Color

47.2885, 0.3221, 0.3461

Protanomaly

47.3340, 0.3266, 0.3459

Deuteranomaly

47.3568, 0.3333, 0.3392

Tritanomaly

46.9072, 0.3122, 0.3226

Monochromacy



Original Color

47.2885, 0.3221, 0.3461

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.0264, 0.3158, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2885, 0.3221, 0.3461 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(183, 184, 171)` looks like.

```
.text, #text, p{  
    color:rgb(183, 184, 171)  
}
```

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(183, 184, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 184, 171) }
```

Border

The CSS property to change the border of an element to Yxy 47.2885, 0.3221, 0.3461 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(183, 184, 171) }
```

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

```
.border{ border-color:rgb(183, 184, 171) }
```

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

Here you see how a box with a 4 pixel rgb(183, 184, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 184, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 184, 171);  
box-shadow:4px 4px 4px 4px rgb(183, 184,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2885, 0.3221, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 184, 171) }
```

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

```
.background{ background-color: rgb(183,  
184, 171) }
```

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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