

Converting Colors

Yxy(46.8938, 0.3238, 0.3429)

Have a look what the booklet for
Yxy(46.8938, 0.3238, 0.3429)
contains.

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Color

Yxy(46.7487, 0.3233, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	B9B6AC
RGB	185, 182, 172
RGB Percent	73%, 71%, 67%
CMY	0.2746, 0.2862, 0.3255
CMYK	0.00, 0.02, 0.07, 0.27
HSL	46°, 8%, 70%
HSV	46°, 7%, 73%
XYZ	44.1796, 46.7487, 45.7238
YIQ	181.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

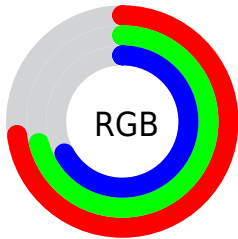
Format	Color
RYB	176, 185, 172
Decimal	12170924
CIELab	74.03, -0.74, 5.45
CIELCh	74, 5.502, 97.726
Yxy	46.7487, 0.3233, 0.3421
Android (android.graphics.Color)	4290361004 (0xFFB9B6AC)
YUV	181.7570, -4.8102, 2.8441
Hunter-Lab	68.3730, -4.3139, 8.2115

Details

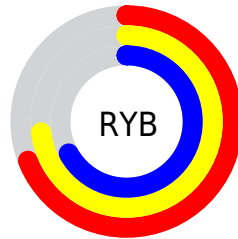
The Yxy color **46.7487, 0.3233, 0.3421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.9253, 0.3021, 0.3156**, and the grayscale version is **46.6648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3959, 0.3216, 0.3402**, and **21.9621, 0.3262, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **44.3760, 0.3394, 0.3615**, and if you desaturate by 10%, it is **49.2771, 0.3084, 0.3236**.

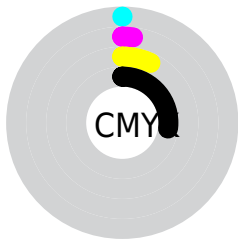
Distribution



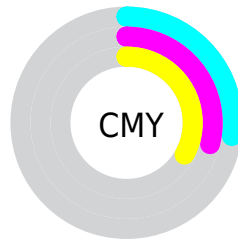
- Red (73%)
- Green (71%)
- Blue (67%)



- Red (69%)
- Yellow (73%)
- Blue (67%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.7487, 0.3233, 0.3421 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 46.7487, 0.3233, 0.3421 by changing the saturation by 10% instead.

■ 46.7487, 0.3233,
0.3421

■ 46.7487, 0.3233,
0.3421

373.8105, 0.3180,
0.3355

■ 32.8370, 0.3246,
0.3437

■ 85.3384, 0.3214,
0.3397

■ 22.0016, 0.3263,
0.3459

110.7852, 0.3207,
0.3388

■ 13.8581, 0.3286,
0.3487

140.8459, 0.3200,
0.3381

■ 8.0220, 0.3317,
0.3526

175.9048, 0.3195,
0.3374

■ 4.1091, 0.3364,
0.3586

216.3463, 0.3191,
0.3369

■ 1.7348, 0.3442,
0.3685

262.5548, 0.3187,

■ 0.4460, 0.4244,

0.3364

0.4664

314.9148, 0.3183,
0.3359

0.0000, 0.0000,
0.0000

46.7487, 0.3233,
0.3421

46.7487, 0.3233,
0.3421

44.3760, 0.3394,
0.3615

49.2771, 0.3084,
0.3236

42.1485, 0.3566,
0.3813

51.9594, 0.2948,
0.3062

40.0632, 0.3745,
0.4009

54.8018, 0.2825,
0.2900

38.1152, 0.3928,
0.4197

57.8081, 0.2714,
0.2750

36.2987, 0.4106,
0.4366

60.3553, 0.2667,
0.2707

■ 34.6077, 0.4274,
0.4506

■ 62.3909, 0.2672,
0.2757

■ 33.0353, 0.4423,
0.4608

■ 64.4820, 0.2677,
0.2806

■ 31.5736, 0.4546,
0.4665

■ 66.6288, 0.2682,
0.2855

■ 30.2117, 0.4641,
0.4677

■ 68.8318, 0.2687,
0.2903

Harmonies

Analogous

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



46.7487, 0.3273, 0.3389



46.7487, 0.3233, 0.3421



46.7487, 0.3165, 0.3418

Triad

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



46.7487, 0.3233, 0.3421



46.7487, 0.2983, 0.3247



46.7487, 0.3166, 0.3203

Complementary

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



46.7487, 0.3233, 0.3421



42.9253, 0.3021, 0.3156

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.



46.7487, 0.3088, 0.3166



46.7487, 0.3233, 0.3421



46.7487, 0.2983, 0.3190

Square

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



46.7487, 0.3233, 0.3421



46.7487, 0.3021, 0.3316



46.7487, 0.3022, 0.3161



46.7487, 0.3234, 0.3263

Rectangle

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



46.7487, 0.3233, 0.3421



46.7487, 0.3113, 0.3396



46.7487, 0.3022, 0.3161



46.7487, 0.3140, 0.3188

Sweetspot

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



46.7507, 0.3233, 0.3421



85.9645, 0.3157, 0.3327



42.9142, 0.3219, 0.3250



18.5426, 0.3156, 0.3325



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.



46.7507, 0.3233, 0.3421



83.2562, 0.3250, 0.3442



47.5592, 0.3200, 0.3461



10.1444, 0.3269, 0.3465



20.4211, 0.4660, 0.4682



0.8067, 0.4517, 0.4796

Inverse Universe

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



42.9253, 0.3021, 0.3156



75.3806, 0.3004, 0.3133



42.1750, 0.3051, 0.3117



9.0450, 0.2985, 0.3109



3.6285, 0.1574, 0.0868



0.2238, 0.1714, 0.1370

Previews

White Background



This preview shows how the Yxy color 46.7487, 0.3233, 0.3421 looks on a white background.

Color Contrast Check

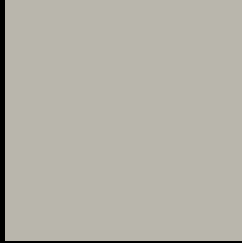
Large Text (above 18pt) WCAG AA × Fail

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 46.7487, 0.3233, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

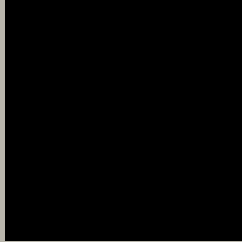
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

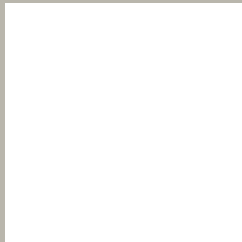
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.7487, 0.3233, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 46.7487, 0.3233, 0.3421.



This preview shows how white text looks on a background with the Yxy color 46.7487, 0.3233, 0.3421.

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

46.7487, 0.3233, 0.3421

Protanopia

46.7177, 0.3261, 0.3407

Deuteranopia

46.7643, 0.3395, 0.3328



Tritanopia

46.7818, 0.3093, 0.3113

Trichromacy



Original Color

46.7487, 0.3233, 0.3421

Protanomaly

46.5911, 0.3252, 0.3407

Deuteranomaly

46.5937, 0.3328, 0.3354

Tritanomaly

46.7101, 0.3147, 0.3226

Monochromacy



Original Color

46.7487, 0.3233, 0.3421

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.7375, 0.3167, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7487, 0.3233, 0.3421 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(185, 182, 172)` looks like.

```
.text, #text, p{  
    color:rgb(185, 182, 172)  
}
```

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(185, 182, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 182, 172) }
```

Border

The CSS property to change the border of an element to Yxy 46.7487, 0.3233, 0.3421 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(185, 182, 172) }
```

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

```
.border{ border-color:rgb(185, 182, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 182, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 182, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 182, 172);  
box-shadow:4px 4px 4px 4px rgb(185, 182,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7487, 0.3233, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 182, 172) }
```

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

```
.background{ background-color: rgb(185,  
182, 172) }
```

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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