

Converting Colors

Yxy(50.7421, 0.3234, 0.3481)

Have a look what the booklet for
Yxy(50.7421, 0.3234, 0.3481)
contains.

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Color

Yxy(50.7409, 0.3234, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	BDBEAF
RGB	189, 190, 175
RGB Percent	74%, 75%, 69%
CMY	0.2588, 0.2549, 0.3136
CMYK	0.01, 0.00, 0.08, 0.25
HSL	64°, 10%, 72%
HSV	64°, 8%, 75%
XYZ	47.1405, 50.7409, 47.8839
YIQ	187.9910, 4.2190, -4.8770

Conversions

Conversions Part 2

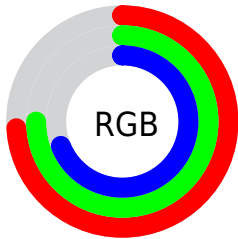
Format	Color
RYB	175, 190, 176
Decimal	12435119
CIELab	76.52, -3.02, 7.43
CIELCh	77, 8.019, 112.121
Yxy	50.7409, 0.3234, 0.3481
Android (android.graphics.Color)	4290625199 (0xFFBDBEAF)
YUV	187.9910, -6.4046, 0.8849
Hunter-Lab	71.2326, -6.5290, 10.0070

Details

The Yxy color **50.7409, 0.3234, 0.3481** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.6251, 0.3016, 0.3093**, and the grayscale version is **50.3217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0935, 0.3211, 0.3440**, and **24.5556, 0.3262, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **49.8866, 0.3373, 0.3731**, and if you desaturate by 10%, it is **51.7061, 0.3099, 0.3240**.

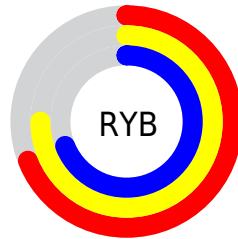
Distribution



Red (74%)

Green (75%)

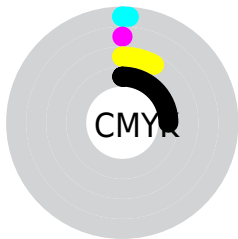
Blue (69%)



Red (69%)

Yellow (75%)

Blue (69%)

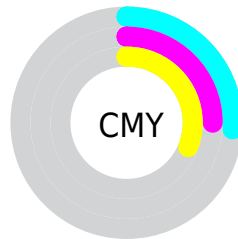


Cyan (1%)

Magenta (0%)

Yellow (8%)

Black (25%)



Cyan (26%)

Magenta (25%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7409, 0.3234, 0.3481 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 50.7409, 0.3234, 0.3481 by changing the saturation by 10% instead.

■ 50.7409, 0.3234,
0.3481

■ 50.7409, 0.3234,
0.3481

389.5563, 0.3182,
0.3386

■ 36.0024, 0.3247,
0.3504

■ 91.2717, 0.3215,
0.3447

■ 24.4361, 0.3263,
0.3534

117.8328, 0.3208,
0.3434

■ 15.6574, 0.3284,
0.3574

149.1035, 0.3202,
0.3423

■ 9.2821, 0.3314,
0.3630

185.4684, 0.3197,
0.3413

■ 4.9256, 0.3356,
0.3711

227.3117, 0.3192,
0.3405

■ 2.2037, 0.3423,
0.3844

275.0178, 0.3188,

■ 0.7220, 0.3825,

0.3398

0.4509

328.9712, 0.3185,
0.3392

0.0000, 0.0000,
0.0000

50.7409, 0.3234,
0.3481

50.7409, 0.3234,
0.3481

49.8866, 0.3373,
0.3731

51.7061, 0.3099,
0.3240

49.1323, 0.3511,
0.3984

52.7796, 0.2970,
0.3012

48.4753, 0.3645,
0.4233

53.9676, 0.2849,
0.2799

47.9108, 0.3768,
0.4467

55.2738, 0.2737,
0.2604

47.4332, 0.3876,
0.4677

55.6952, 0.2722,
0.2567

■ 47.0364, 0.3963,
0.4853

■ 55.8652, 0.2730,
0.2568

■ 46.7135, 0.4025,
0.4990

■ 56.0366, 0.2739,
0.2570

■ 46.4565, 0.4062,
0.5082

■ 56.2095, 0.2748,
0.2572

■ 46.2531, 0.4075,
0.5136

■ 56.3838, 0.2757,
0.2574

Harmonies

Analogous

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



50.7409, 0.3313, 0.3457



50.7409, 0.3234, 0.3481



50.7409, 0.3127, 0.3452

Triad

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



50.7409, 0.3234, 0.3481



50.7409, 0.2917, 0.3185



50.7409, 0.3232, 0.3205

Complementary

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



50.7409, 0.3234, 0.3481



43.6251, 0.3016, 0.3093

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.



50.7409, 0.3124, 0.3136



50.7409, 0.3234, 0.3481



50.7409, 0.2944, 0.3123

Square

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



50.7409, 0.3234, 0.3481



50.7409, 0.2945, 0.3278



50.7409, 0.3019, 0.3105



50.7409, 0.3312, 0.3297

Rectangle

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



50.7409, 0.3234, 0.3481



50.7409, 0.3055, 0.3406



50.7409, 0.3019, 0.3105



50.7409, 0.3198, 0.3179

Sweetspot

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



50.7431, 0.3234, 0.3481



92.9486, 0.3154, 0.3339



45.1072, 0.3259, 0.3303



20.4146, 0.3153, 0.3336



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



50.7431, 0.3234, 0.3481



91.7452, 0.3251, 0.3512



49.8107, 0.3171, 0.3485



11.0873, 0.3254, 0.3517



30.7419, 0.4078, 0.5144



1.2140, 0.4108, 0.5120

Inverse Universe

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



43.6251, 0.3016, 0.3093



76.8970, 0.2997, 0.3059



44.5218, 0.3080, 0.3097



9.2550, 0.2994, 0.3054



2.5402, 0.1525, 0.0614



0.1100, 0.1619, 0.0665

Previews

White Background



This preview shows how the Yxy color 50.7409, 0.3234, 0.3481 looks on a white background.

Color Contrast Check

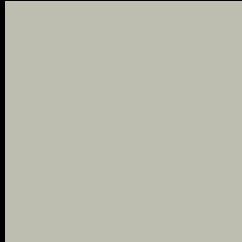
Large Text (above 18pt) WCAG AA × Fail

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 50.7409, 0.3234, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

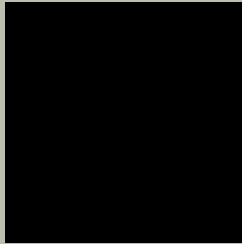
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

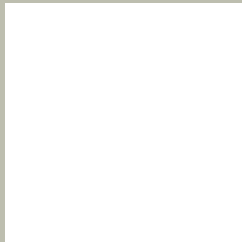
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.7409, 0.3234, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 50.7409, 0.3234, 0.3481.



This preview shows how white text looks on a background with the Yxy color 50.7409, 0.3234, 0.3481.

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

50.7409, 0.3234, 0.3481

Protanopia

50.7582, 0.3304, 0.3466

Deuteranopia

50.4791, 0.3421, 0.3351



Tritanopia

50.6723, 0.3070, 0.3106

Trichromacy



Original Color

50.7409, 0.3234, 0.3481

Protanomaly

50.7886, 0.3277, 0.3480

Deuteranomaly

50.5290, 0.3353, 0.3402

Tritanomaly

50.5529, 0.3130, 0.3228

Monochromacy



Original Color

50.7409, 0.3234, 0.3481

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.5055, 0.3165, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7409, 0.3234, 0.3481 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(189, 190, 175)` looks like.

```
.text, #text, p{  
    color:rgb(189, 190, 175)  
}
```

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(189, 190, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 190, 175) }
```

Border

The CSS property to change the border of an element to Yxy 50.7409, 0.3234, 0.3481 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(189, 190, 175) }
```

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

```
.border{ border-color:rgb(189, 190, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 190, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 190, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 190, 175);  
box-shadow:4px 4px 4px 4px rgb(189, 190,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7409, 0.3234, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 190, 175) }
```

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

```
.background{ background-color: rgb(189,  
190, 175) }
```

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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