

Converting Colors

Yxy(50.6706, 0.3224, 0.3416)

Have a look what the booklet for
Yxy(50.6706, 0.3224, 0.3416)
contains.

Yxy(50.7262, 0.3221, 0.3417)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.7262, 0.3221, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	BFBDB3
RGB	191, 189, 179
RGB Percent	75%, 74%, 70%
CMY	0.2510, 0.2588, 0.2981
CMYK	0.00, 0.01, 0.06, 0.25
HSL	50°, 9%, 73%
HSV	50°, 6%, 75%
XYZ	47.8165, 50.7262, 49.9097
YIQ	188.4580, 4.4020, -2.6860

Conversions

Conversions Part 2

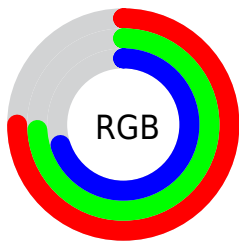
Format	Color
RYB	181, 191, 179
Decimal	12565939
CIELab	76.51, -1.10, 5.30
CIELCh	77, 5.410, 101.710
Yxy	50.7262, 0.3221, 0.3417
Android (android.graphics.Color)	4290756019 (0xFFFBDB3)
YUV	188.4580, -4.6628, 2.2293
Hunter-Lab	71.2223, -4.7995, 8.3076

Details

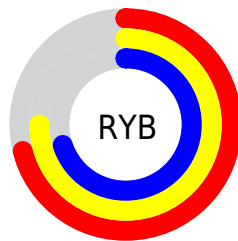
The Yxy color **50.7262, 0.3221, 0.3417** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.3759, 0.3032, 0.3160**, and the grayscale version is **50.5884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0771, 0.3200, 0.3389**, and **24.5180, 0.3255, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **48.6682, 0.3378, 0.3626**, and if you desaturate by 10%, it is **52.9251, 0.3074, 0.3217**.

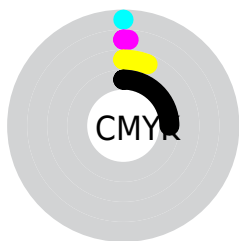
Distribution



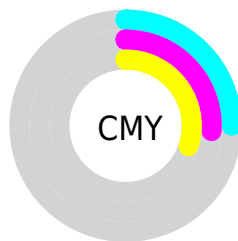
- Red (75%)
- Green (74%)
- Blue (70%)



- Red (71%)
- Yellow (75%)
- Blue (70%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (25%)



- Cyan (25%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7262, 0.3221, 0.3417 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 50.7262, 0.3221, 0.3417 by changing the saturation by 10% instead.

 50.7262, 0.3221,
0.3417

 50.7262, 0.3221,
0.3417

389.4991, 0.3175,
0.3354

 35.9908, 0.3232,
0.3432


 91.2499, 0.3204,
0.3394

 24.4271, 0.3247,
0.3452

117.8070, 0.3198,
0.3386

 15.6507, 0.3266,
0.3478


149.0734, 0.3193,
0.3379

 9.2773, 0.3292,
0.3514

185.4335, 0.3188,
0.3372

 4.9225, 0.3330,
0.3568

227.2717, 0.3184,
0.3367

 2.2019, 0.3392,
0.3654

274.9725, 0.3181,

 0.7210, 0.3670,

0.3362

0.4019

328.9201, 0.3178,
0.3358

0.0000, 0.0000,
0.0000

50.7262, 0.3221,
0.3417

50.7262, 0.3221,
0.3417

48.6682, 0.3378,
0.3626

52.9251, 0.3074,
0.3217

46.7398, 0.3544,
0.3839

55.2626, 0.2938,
0.3028

44.9385, 0.3714,
0.4050

57.7449, 0.2814,
0.2853

43.2591, 0.3883,
0.4251

60.3514, 0.2704,
0.2695

41.6957, 0.4045,
0.4432

61.8406, 0.2707,
0.2731

■ 40.2423, 0.4193,
0.4584

■ 63.3600, 0.2710,
0.2767

■ 38.8917, 0.4321,
0.4697

■ 64.9100, 0.2714,
0.2803

■ 37.6359, 0.4422,
0.4766

■ 66.4906, 0.2717,
0.2839

■ 36.4644, 0.4495,
0.4791

■ 68.1021, 0.2720,
0.2875

Harmonies

Analogous

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



50.7262, 0.3264, 0.3390



50.7262, 0.3221, 0.3417



50.7262, 0.3153, 0.3409

Triad

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



50.7262, 0.3221, 0.3417



50.7262, 0.2987, 0.3240



50.7262, 0.3174, 0.3214

Complementary

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



50.7262, 0.3221, 0.3417



46.3759, 0.3032, 0.3160

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.



50.7262, 0.3100, 0.3175



50.7262, 0.3221, 0.3417



50.7262, 0.2992, 0.3189

Square

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



50.7262, 0.3221, 0.3417



50.7262, 0.3019, 0.3306



50.7262, 0.3033, 0.3165



50.7262, 0.3236, 0.3273

Rectangle

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



50.7262, 0.3221, 0.3417



50.7262, 0.3104, 0.3385



50.7262, 0.3033, 0.3165



50.7262, 0.3150, 0.3198

Sweetspot

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



50.7284, 0.3221, 0.3417



92.5100, 0.3157, 0.3331



46.6445, 0.3215, 0.3265



20.3231, 0.3156, 0.3329



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.



50.7284, 0.3221, 0.3417



90.1689, 0.3249, 0.3455



51.0741, 0.3186, 0.3443



10.8454, 0.3268, 0.3480



23.7905, 0.4513, 0.4798



1.0043, 0.4425, 0.4869

Inverse Universe

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



46.3759, 0.3032, 0.3160



80.2132, 0.3003, 0.3120



46.0606, 0.3066, 0.3135



9.4728, 0.2984, 0.3092



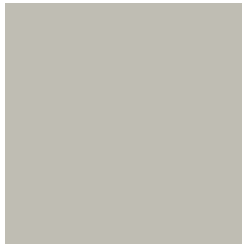
3.2139, 0.1544, 0.0757



0.2064, 0.1653, 0.1149

Previews

White Background



This preview shows how the Yxy color 50.7262, 0.3221, 0.3417 looks on a white background.

Color Contrast Check

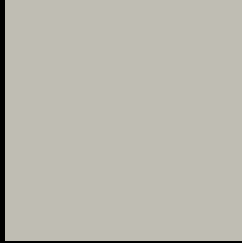
Large Text (above 18pt) WCAG AA × Fail

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 50.7262, 0.3221, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

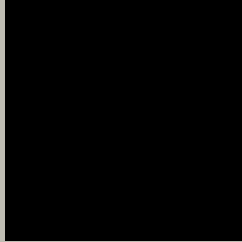
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

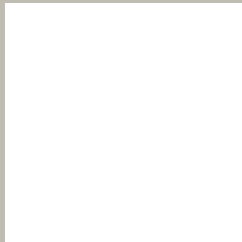
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.7262, 0.3221, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 50.7262, 0.3221, 0.3417.

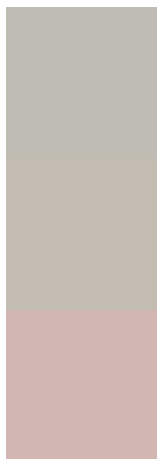


This preview shows how white text looks on a background with the Yxy color 50.7262, 0.3221, 0.3417.

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

50.7262, 0.3221, 0.3417

Protanopia

50.6501, 0.3255, 0.3416

Deuteranopia

50.4528, 0.3387, 0.3315



Tritanopia

50.7573, 0.3086, 0.3118

Trichromacy



Original Color

50.7262, 0.3221, 0.3417

Protanomaly

50.5182, 0.3247, 0.3416

Deuteranomaly

50.6897, 0.3321, 0.3352

Tritanomaly

50.6839, 0.3138, 0.3228

Monochromacy



Original Color

50.7262, 0.3221, 0.3417

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2880, 0.3159, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7262, 0.3221, 0.3417 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(191, 189, 179)` looks like.

```
.text, #text, p{  
    color:rgb(191, 189, 179)  
}
```

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(191, 189, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 189, 179) }
```

Border

The CSS property to change the border of an element to Yxy 50.7262, 0.3221, 0.3417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

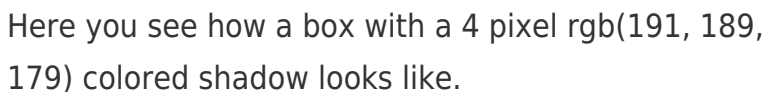
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 189, 179) }
```

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

```
.border{ border-color:rgb(191, 189, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 189, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 189, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 189, 179); box-shadow:4px 4px 4px 4px rgb(191, 189, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7262, 0.3221, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 189, 179) }
```

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

```
.background{ background-color: rgb(191,  
189, 179) }
```

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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