

Converting Colors

Yxy(50.7120, 0.3367, 0.3702)

Have a look what the booklet for
Yxy(50.7120, 0.3367, 0.3702)
contains.

Yxy(50.7120, 0.3367, 0.3702)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.7120, 0.3367, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	BEBF9F
RGB	190, 191, 159
RGB Percent	75%, 75%, 62%
CMY	0.2549, 0.2510, 0.3765
CMYK	0.01, 0.00, 0.17, 0.25
HSL	62°, 20%, 69%
HSV	62°, 17%, 75%
XYZ	46.1230, 50.7120, 40.1504
YIQ	187.0530, 9.6760, -10.1640

Conversions

Conversions Part 2

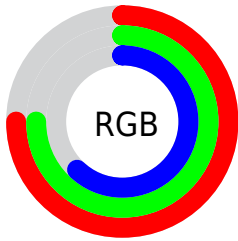
Format	Color
RYB	159, 191, 160
Decimal	12500895
CIELab	76.50, -5.81, 16.07
CIELCh	77, 17.090, 109.883
Yxy	50.7120, 0.3367, 0.3702
Android (android.graphics.Color)	4290690975 (0xFFBEBF9F)
YUV	187.0530, -13.8301, 2.5845
Hunter-Lab	71.2124, -9.0103, 16.4202

Details

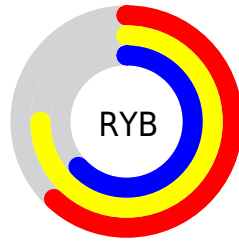
The Yxy color **50.7120, 0.3367, 0.3702** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.0251, 0.2866, 0.2844**, and the grayscale version is **49.8015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9694, 0.3321, 0.3622**, and **24.4727, 0.3429, 0.3833** is the 20% darker color. If you saturate the color by 10%, you get **50.0246, 0.3512, 0.3953**, and if you desaturate by 10%, it is **51.5067, 0.3223, 0.3454**.

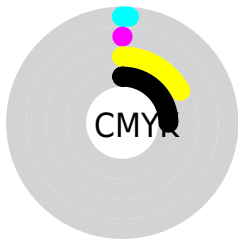
Distribution



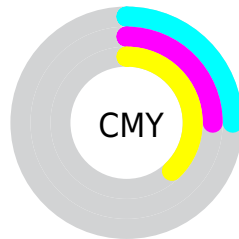
- Red (75%)
- Green (75%)
- Blue (62%)



- Red (62%)
- Yellow (75%)
- Blue (63%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (25%)





- Cyan (25%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7120, 0.3367, 0.3702 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 50.7120, 0.3367, 0.3702 by changing the saturation by 10% instead.


 50.7120, 0.3367,
0.3702

 50.7120, 0.3367,
0.3702


389.4438, 0.3250,
0.3497

 35.9795, 0.3395,
0.3753


 91.2289, 0.3325,
0.3628

 24.4183, 0.3430,
0.3818


 117.7821, 0.3310,
0.3600

 15.6442, 0.3476,
0.3905


149.0442, 0.3296,
0.3576

 9.2728, 0.3538,
0.4024

185.3998, 0.3284,
0.3555

 4.9195, 0.3624,
0.4200

227.2331, 0.3274,
0.3538

 2.2001, 0.3753,
0.4483

274.9287, 0.3265,

 0.7201, 0.4297,

0.3522

0.5703

328.8707, 0.3257,
0.3509

0.0000, 0.0000,
0.0000

50.7120, 0.3367,
0.3702

50.7120, 0.3367,
0.3702

50.0246, 0.3512,
0.3953

51.5067, 0.3223,
0.3454

49.4330, 0.3653,
0.4199

52.4063, 0.3082,
0.3214

48.9345, 0.3784,
0.4430


53.4172, 0.2949,
0.2987


48.5236, 0.3900,
0.4636


54.5433, 0.2825,
0.2775


48.1940, 0.3996,
0.4810

55.7884, 0.2710,
0.2580

 47.9390, 0.4067,
0.4943


 55.9003, 0.2711,
0.2576


 47.7506, 0.4113,
0.5034

 55.9795, 0.2715,
0.2577

 47.6179, 0.4134,
0.5084

 56.0591, 0.2719,
0.2577

 47.5803, 0.4139,
0.5096

 56.1389, 0.2723,
0.2578

Harmonies

Analogous

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



50.7120, 0.3533, 0.3634



50.7120, 0.3367, 0.3702



50.7120, 0.3140, 0.3652

Triad

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



50.7120, 0.3367, 0.3702



50.7120, 0.2686, 0.3074



50.7120, 0.3334, 0.3098

Complementary

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



50.7120, 0.3367, 0.3702



36.0251, 0.2866, 0.2844

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.



50.7120, 0.3100, 0.2961



50.7120, 0.3367, 0.3702



50.7120, 0.2733, 0.2941

Square

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



50.7120, 0.3367, 0.3702



50.7120, 0.2752, 0.3276



50.7120, 0.2881, 0.2903



50.7120, 0.3515, 0.3285

Rectangle

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



50.7120, 0.3367, 0.3702



50.7120, 0.2987, 0.3555



50.7120, 0.2881, 0.2903



50.7120, 0.3258, 0.3045

Sweetspot

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



50.7142, 0.3367, 0.3702



92.5002, 0.3199, 0.3412



38.5546, 0.3441, 0.3298



20.2882, 0.3209, 0.3430



97.7402, 0.3127, 0.3290



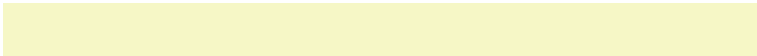
20.4902, 0.3127, 0.3290

Same Dimension

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



50.7142, 0.3367, 0.3702



90.3638, 0.3419, 0.3791



48.8187, 0.3234, 0.3720



11.1049, 0.3260, 0.3517



31.2738, 0.4139, 0.5095



1.2298, 0.4153, 0.5084

Inverse Universe

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



36.0251, 0.2866, 0.2844



59.2716, 0.2803, 0.2738



37.7280, 0.3004, 0.2862



9.2393, 0.2988, 0.3053



2.5041, 0.1512, 0.0606



0.1030, 0.1557, 0.0631

Previews

White Background



This preview shows how the Yxy color 50.7120, 0.3367, 0.3702 looks on a white background.

Color Contrast Check

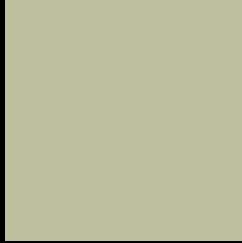
Large Text (above 18pt) WCAG AA × Fail

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 50.7120, 0.3367, 0.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

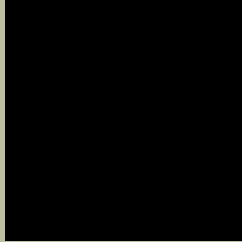
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

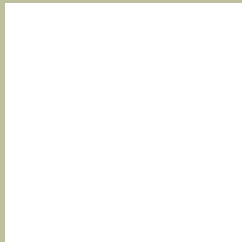
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.7120, 0.3367, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 50.7120, 0.3367, 0.3702.



This preview shows how white text looks on a background with the Yxy color 50.7120, 0.3367, 0.3702.

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

50.7120, 0.3367, 0.3702

Protanopia

50.5772, 0.3460, 0.3668

Deuteranopia

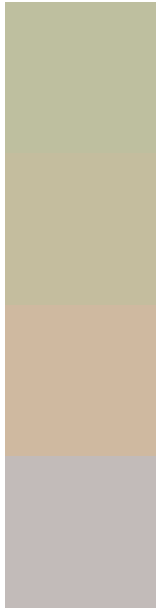
50.7808, 0.3612, 0.3542



Tritanopia

50.6038, 0.3103, 0.3107

Trichromacy



Original Color

50.7120, 0.3367, 0.3702

Protanomaly

50.5996, 0.3431, 0.3684

Deuteranomaly

50.5014, 0.3522, 0.3599

Tritanomaly

50.5128, 0.3201, 0.3315

Monochromacy



Original Color

50.7120, 0.3367, 0.3702

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.8321, 0.3212, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7120, 0.3367, 0.3702 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(190, 191, 159)` looks like.

```
.text, #text, p{  
    color:rgb(190, 191, 159)  
}
```

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(190, 191, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 191, 159) }
```

Border

The CSS property to change the border of an element to Yxy 50.7120, 0.3367, 0.3702 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(190, 191, 159) }
```

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

```
.border{ border-color:rgb(190, 191, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 191, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 191, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 191, 159);  
box-shadow:4px 4px 4px 4px rgb(190, 191,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7120, 0.3367, 0.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 191, 159) }
```

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

```
.background{ background-color: rgb(190,  
191, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor