

Converting Colors

Yxy(50.4491, 0.3141, 0.3323)

Have a look what the booklet for
Yxy(50.4491, 0.3141, 0.3323)
contains.

Yxy(50.6317, 0.3142, 0.3328)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(50.6317, 0.3142, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	BCBDBA
RGB	188, 189, 186
RGB Percent	74%, 74%, 73%
CMY	0.2627, 0.2588, 0.2706
CMYK	0.01, 0.00, 0.02, 0.26
HSL	80°, 2%, 74%
HSV	80°, 2%, 74%
XYZ	47.8019, 50.6317, 53.7049
YIQ	188.3590, 0.3670, -1.1450

Conversions

Conversions Part 2

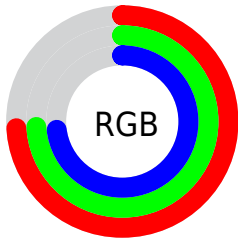
Format	Color
RYB	186, 189, 187
Decimal	12369338
CIELab	76.46, -0.89, 1.38
CIELCh	76, 1.647, 122.750
Yxy	50.6317, 0.3142, 0.3328
Android (android.graphics.Color)	4290559418 (0xFFBCBDBA)
YUV	188.3590, -1.1630, -0.3148
Hunter-Lab	71.1560, -4.6082, 5.0601

Details

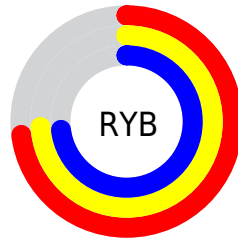
The Yxy color **50.6317, 0.3142, 0.3328** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3526, 0.3112, 0.3252**, and the grayscale version is **50.5129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9487, 0.3139, 0.3320**, and **24.4527, 0.3147, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **49.1131, 0.3236, 0.3577**, and if you desaturate by 10%, it is **52.2947, 0.3050, 0.3097**.

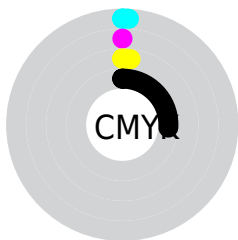
Distribution



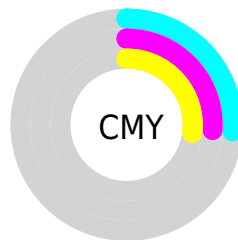
- Red (74%)
- Green (74%)
- Blue (73%)



- Red (73%)
- Yellow (74%)
- Blue (73%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (26%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6317, 0.3142, 0.3328 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 50.6317, 0.3142, 0.3328 by changing the saturation by 10% instead.

■ 50.6317, 0.3142,
0.3328

■ 50.6317, 0.3142,
0.3328

■ 389.1312, 0.3135,
0.3309

■ 35.9156, 0.3144,
0.3333

■ 91.1101, 0.3139,
0.3321

■ 24.3690, 0.3146,
0.3338

■ 117.6412, 0.3138,
0.3319

■ 15.6076, 0.3149,
0.3346

■ 148.8795, 0.3138,
0.3317

■ 9.2469, 0.3153,
0.3357

■ 185.2092, 0.3137,
0.3315

■ 4.9026, 0.3159,
0.3373

■ 227.0148, 0.3136,
0.3313

■ 2.1902, 0.3169,
0.3399

■ 274.6808, 0.3136,

■ 0.7146, 0.3202,

0.3312

0.3480

328.5914, 0.3135,
0.3310

0.0000, 0.0000,
0.0000

50.6317, 0.3142,
0.3328

50.6317, 0.3142,
0.3328

49.1131, 0.3236,
0.3577

52.2947, 0.3050,
0.3097

47.7278, 0.3331,
0.3842

54.0999, 0.2962,
0.2885

46.4731, 0.3422,
0.4116

56.0536, 0.2879,
0.2692

45.3439, 0.3505,
0.4392

57.7275, 0.2843,
0.2580

44.3347, 0.3577,
0.4660

58.6695, 0.2888,
0.2589

■ 43.4392, 0.3631,
0.4909

■ 59.6471, 0.2934,
0.2598

■ 42.6509, 0.3663,
0.5126

■ 60.6608, 0.2979,
0.2608

■ 41.9620, 0.3671,
0.5300

■ 61.7110, 0.3026,
0.2617

■ 41.3636, 0.3655,
0.5427

■ 62.7979, 0.3072,
0.2626

Harmonies

Analogous

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



50.6317, 0.3161, 0.3327



50.6317, 0.3142, 0.3328



50.6317, 0.3119, 0.3318

Triad

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



50.6317, 0.3142, 0.3328



50.6317, 0.3084, 0.3264



50.6317, 0.3156, 0.3279

Complementary

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



50.6317, 0.3142, 0.3328



49.3526, 0.3112, 0.3252

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.



50.6317, 0.3135, 0.3262



50.6317, 0.3142, 0.3328



50.6317, 0.3094, 0.3253

Square

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



50.6317, 0.3142, 0.3328



50.6317, 0.3086, 0.3281



50.6317, 0.3112, 0.3253



50.6317, 0.3169, 0.3299

Rectangle

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



50.6317, 0.3142, 0.3328



50.6317, 0.3105, 0.3308



50.6317, 0.3112, 0.3253



50.6317, 0.3149, 0.3273

Sweetspot

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



50.6339, 0.3142, 0.3328



91.1408, 0.3127, 0.3290



49.8822, 0.3152, 0.3302



19.5994, 0.3127, 0.3290



95.5105, 0.3127, 0.3290

Same Dimension

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



50.6339, 0.3142, 0.3328



90.5591, 0.3146, 0.3339



50.4481, 0.3130, 0.3328



11.2142, 0.3145, 0.3335



27.5722, 0.3634, 0.5497



1.1141, 0.3772, 0.5387

Inverse Universe

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



49.3526, 0.3112, 0.3252



87.6342, 0.3108, 0.3241



49.5389, 0.3124, 0.3252



10.8806, 0.3109, 0.3245



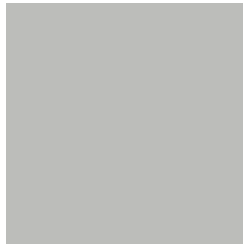
3.1961, 0.1748, 0.0737



0.1615, 0.2031, 0.0892

Previews

White Background



This preview shows how the Yxy color 50.6317, 0.3142, 0.3328 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 50.6317, 0.3142, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

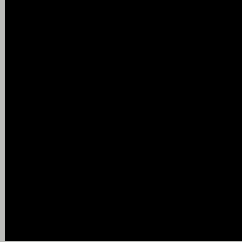
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

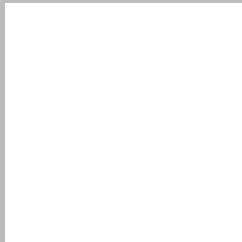
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6317, 0.3142, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 50.6317, 0.3142, 0.3328.



This preview shows how white text looks on a background with the Yxy color 50.6317, 0.3142, 0.3328.

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

50.6317, 0.3142, 0.3328

Protanopia

50.8067, 0.3192, 0.3328

Deuteranopia

50.3092, 0.3302, 0.3230



Tritanopia

50.7048, 0.3046, 0.3117

Trichromacy



Original Color

50.6317, 0.3142, 0.3328

Protanomaly

50.5456, 0.3175, 0.3328

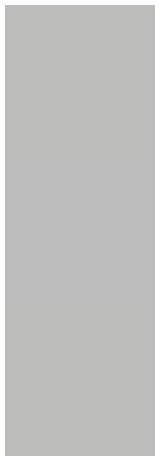
Deuteranomaly

50.5651, 0.3238, 0.3266

Tritanomaly

50.7708, 0.3075, 0.3190

Monochromacy



Original Color

50.6317, 0.3142, 0.3328

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2457, 0.3135, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6317, 0.3142, 0.3328 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(188, 189, 186)` looks like.

```
.text, #text, p{  
    color:rgb(188, 189, 186)  
}
```

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(188, 189, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 189, 186) }
```

Border

The CSS property to change the border of an element to Yxy 50.6317, 0.3142, 0.3328 is called "border". The border property can be set on classes, ids or directly on the HTML element.

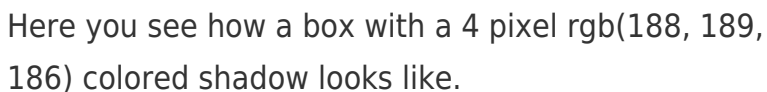
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 189, 186) }
```

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

```
.border{ border-color:rgb(188, 189, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 189, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 189, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 189, 186);  
box-shadow:4px 4px 4px 4px rgb(188, 189,  
186) }
```

Background

The CSS property to change the background color of an element to Yxy 50.6317, 0.3142, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 189, 186) }
```

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

```
.background{ background-color: rgb(188,  
189, 186) }
```

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