

Converting Colors

Yxy(50.3484, 0.3113, 0.3242)

Have a look what the booklet for
Yxy(50.3484, 0.3113, 0.3242)
contains.

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Color

Yxy(50.1211, 0.3113, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	BDBBBF
RGB	189, 187, 191
RGB Percent	74%, 73%, 75%
CMY	0.2589, 0.2666, 0.2510
CMYK	0.01, 0.02, 0.00, 0.25
HSL	270°, 3%, 74%
HSV	270°, 2%, 75%
XYZ	48.1565, 50.1211, 56.4172
YIQ	188.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

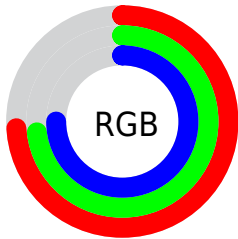
Format	Color
R _Y B	189, 187, 191
Decimal	12434367
CIE Lab	76.14, 1.43, -1.77
CIE LCh	76, 2.278, 309.023
Yxy	50.1211, 0.3113, 0.3240
Android (android.graphics.Color)	4290624447 (0xFFBDBBBF)
YUV	188.0540, 1.4524, 0.8296
Hunter-Lab	70.7963, -2.4756, 2.3095




Details

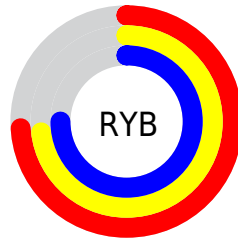
The Yxy color **50.1211, 0.3113, 0.3240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6635, 0.3141, 0.3340**, and the grayscale version is **50.3130, 0.3127, 0.3290**.




A 20% lighter version of the original color is **90.2291, 0.3116, 0.3251**, and **24.1194, 0.3108, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **41.3632, 0.3038, 0.2987**, and if you desaturate by 10%, it is **60.0423, 0.3177, 0.3471**.

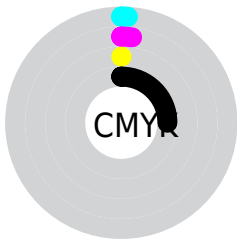
Distribution







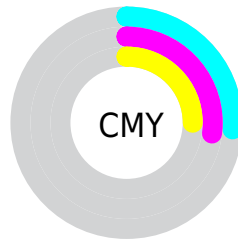
-  Red (74%)
-  Green (73%)
-  Blue (75%)






-  Red (74%)
-  Yellow (73%)
-  Blue (75%)



-  Cyan (1%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (25%)



-  Cyan (26%)
-  Magenta (27%)
-  Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1211, 0.3113, 0.3240 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 50.1211, 0.3113, 0.3240 by changing the saturation by 10% instead.

■ 50.1211, 0.3113,
0.3240

■ 50.1211, 0.3113,
0.3240

387.1393, 0.3120,
0.3265

■ 35.5096, 0.3111,
0.3234

■ 90.3543, 0.3116,
0.3249

■ 24.0557, 0.3109,
0.3226

116.7448, 0.3117,
0.3252

■ 15.3750, 0.3106,
0.3216

147.8304, 0.3117,
0.3255

■ 9.0830, 0.3102,
0.3202

183.9956, 0.3118,
0.3258

■ 4.7953, 0.3096,
0.3181

225.6246, 0.3119,
0.3260

■ 2.1277, 0.3086,
0.3148

273.1020, 0.3119,

■ 0.6801, 0.3062,

0.3262

0.3056

326.8121, 0.3120,
0.3263

0.0000, 0.0000,
0.0000

50.1211, 0.3113,
0.3240

50.1211, 0.3113,
0.3240

41.3632, 0.3038,
0.2987

60.0423, 0.3177,
0.3471

33.7184, 0.2950,
0.2714

71.1618, 0.3230,
0.3681

27.1422, 0.2850,
0.2426

83.5210, 0.3275,
0.3869

21.5848, 0.2737,
0.2131

91.6771, 0.3324,
0.3959

16.9920, 0.2614,
0.1838

93.2863, 0.3387,
0.3945

■ 13.3046, 0.2484,
0.1562

■ 94.9840, 0.3451,
0.3932

■ 10.4567, 0.2351,
0.1316

■ 96.5409, 0.3508,
0.3920

■ 8.3729, 0.2222,
0.1115

■ 6.9634, 0.2102,
0.0968

Harmonies

Analogous

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



50.1211, 0.3085, 0.3238



50.1211, 0.3113, 0.3240



50.1211, 0.3144, 0.3256

Triad

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



50.1211, 0.3113, 0.3240



50.1211, 0.3186, 0.3331



50.1211, 0.3083, 0.3300

Complementary

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



50.1211, 0.3113, 0.3240



51.6635, 0.3141, 0.3340

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.



50.1211, 0.3110, 0.3325



50.1211, 0.3113, 0.3240



50.1211, 0.3169, 0.3343

Square

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



50.1211, 0.3113, 0.3240



50.1211, 0.3187, 0.3308



50.1211, 0.3141, 0.3341



50.1211, 0.3068, 0.3272

Rectangle

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



50.1211, 0.3113, 0.3240



50.1211, 0.3163, 0.3272



50.1211, 0.3141, 0.3341



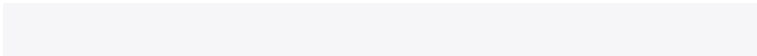
50.1211, 0.3091, 0.3309

Sweetspot

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



50.1233, 0.3113, 0.3240



91.5792, 0.3120, 0.3266



50.7499, 0.3096, 0.3266



20.1288, 0.3121, 0.3267



97.7402, 0.3127, 0.3290



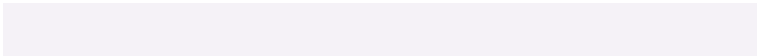
20.4902, 0.3127, 0.3290

Same Dimension

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



50.1233, 0.3113, 0.3240



89.8692, 0.3113, 0.3241



50.3720, 0.3129, 0.3240



10.8974, 0.3114, 0.3245



4.1172, 0.2029, 0.0892



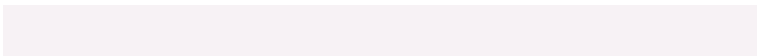
0.2002, 0.2297, 0.1039

Inverse Universe

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



50.2942, 0.3145, 0.3265



90.1682, 0.3144, 0.3266



51.4180, 0.3125, 0.3340



10.9306, 0.3143, 0.3268



7.8511, 0.4922, 0.2485



0.3207, 0.4406, 0.2201

Previews

White Background



This preview shows how the Yxy color 50.1211, 0.3113, 0.3240 looks on a white background.

Color Contrast Check

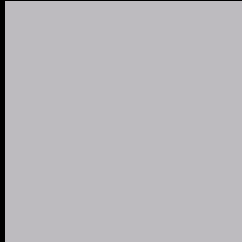
Large Text (above 18pt) WCAG AA × Fail

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 50.1211, 0.3113, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

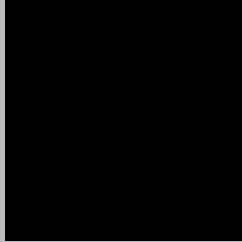
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

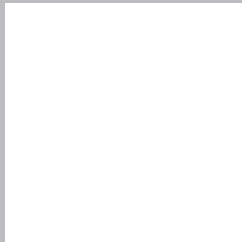
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1211, 0.3113, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 50.1211, 0.3113, 0.3240.

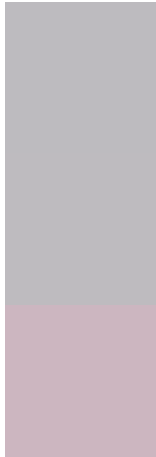


This preview shows how white text looks on a background with the Yxy color 50.1211, 0.3113, 0.3240.

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

50.1211, 0.3113, 0.3240

Protanopia

50.2494, 0.3121, 0.3240

Deuteranopia

50.0990, 0.3235, 0.3169



Tritanopia

50.2351, 0.3053, 0.3116

Trichromacy



Original Color

50.1211, 0.3113, 0.3240

Protanomaly

50.2494, 0.3121, 0.3240

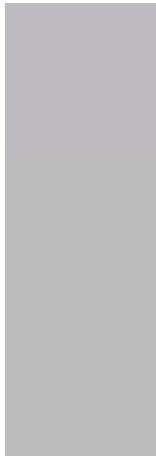
Deuteranomaly

50.2289, 0.3191, 0.3192

Tritanomaly

50.0962, 0.3076, 0.3153

Monochromacy



Original Color

50.1211, 0.3113, 0.3240

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.3319, 0.3120, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1211, 0.3113, 0.3240 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, 187, 191)` looks like.

```
.text, #text, p{  
    color:rgb(189, 187, 191)  
}
```

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, 187, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 187, 191) }
```

Border

The CSS property to change the border of an element to Yxy 50.1211, 0.3113, 0.3240 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, 187, 191) }
```

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

```
.border{ border-color:rgb(189, 187, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 187, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 187, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 187, 191);  
box-shadow:4px 4px 4px 4px rgb(189, 187,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1211, 0.3113, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 187, 191) }
```

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

```
.background{ background-color: rgb(189,  
187, 191) }
```

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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