

Converting Colors

$Yxy(50.3677, 0.3144, 0.3338)$

Have a look what the booklet for
Yxy(50.3677, 0.3144, 0.3338)
contains.

Yxy(50.4628, 0.3141, 0.3341)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.4628, 0.3141, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	BBBDB9
RGB	187, 189, 185
RGB Percent	73%, 74%, 73%
CMY	0.2668, 0.2588, 0.2745
CMYK	0.01, 0.00, 0.02, 0.26
HSL	91°, 3%, 73%
HSV	91°, 2%, 74%
XYZ	47.4420, 50.4628, 53.1362
YIQ	187.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

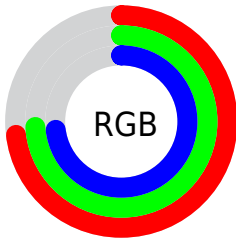
Format	Color
RYB	185, 189, 187
Decimal	12303801
CIELab	76.35, -1.45, 1.77
CIELCh	76, 2.284, 129.325
Yxy	50.4628, 0.3141, 0.3341
Android (android.graphics.Color)	4290493881 (0xFFBBDB9)
YUV	187.9460, -1.4524, -0.8296
Hunter-Lab	71.0372, -5.1043, 5.3768

Details

The Yxy color `50.4628, 0.3141, 0.3341` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `48.9413, 0.3113, 0.3239`, and the grayscale version is `50.2642, 0.3127, 0.3290`.

A 20% lighter version of the original color is `90.7104, 0.3138, 0.3330`, and `24.3426, 0.3146, 0.3359` is the 20% darker color. If you saturate the color by 10%, you get `48.5464, 0.3206, 0.3594`, and if you desaturate by 10%, it is `52.5710, 0.3076, 0.3110`.

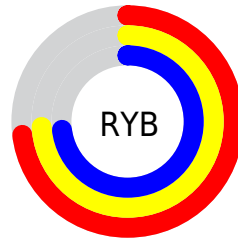
Distribution



Red (73%)

Green (74%)

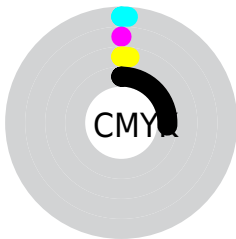
Blue (73%)



Red (73%)

Yellow (74%)

Blue (73%)

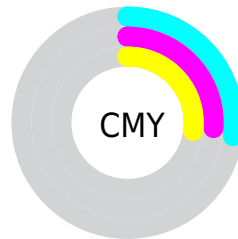


Cyan (1%)

Magenta (0%)

Yellow (2%)

Black (26%)



Cyan (27%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4628, 0.3141, 0.3341 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 50.4628, 0.3141, 0.3341 by changing the saturation by 10% instead.

■ 50.4628, 0.3141,
0.3341

■ 50.4628, 0.3141,
0.3341

388.4730, 0.3134,
0.3316

■ 35.7813, 0.3143,
0.3347

■ 90.8602, 0.3139,
0.3332

■ 24.2653, 0.3145,
0.3355

117.3449, 0.3138,
0.3328

■ 15.5305, 0.3148,
0.3366

148.5327, 0.3137,
0.3326

■ 9.1926, 0.3151,
0.3380

184.8081, 0.3136,
0.3323

■ 4.8670, 0.3157,
0.3402

226.5554, 0.3136,
0.3321

■ 2.1694, 0.3166,
0.3437

274.1591, 0.3135,

■ 0.7033, 0.3200,

0.3319

0.3554

328.0035, 0.3135,
0.3317

0.0000, 0.0000,
0.0000

50.4628, 0.3141,
0.3341

50.4628, 0.3141,
0.3341

48.5464, 0.3206,
0.3594

52.5710, 0.3076,
0.3110

46.8094, 0.3270,
0.3868

54.8699, 0.3014,
0.2901

45.2481, 0.3330,
0.4158

57.3668, 0.2955,
0.2714

43.8559, 0.3382,
0.4456

59.7007, 0.2936,
0.2599

42.6260, 0.3421,
0.4751

61.2947, 0.3007,
0.2613

■ 41.5510, 0.3445,
0.5032

■ 62.9772, 0.3079,
0.2628

■ 40.6226, 0.3449,
0.5281

■ 64.7496, 0.3152,
0.2643

■ 39.8317, 0.3431,
0.5485

■ 64.8813, 0.3157,
0.2644

■ 39.1675, 0.3393,
0.5634

Harmonies

Analogous

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



50.4628, 0.3169, 0.3343



50.4628, 0.3141, 0.3341



50.4628, 0.3110, 0.3325

Triad

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



50.4628, 0.3141, 0.3341



50.4628, 0.3069, 0.3249



50.4628, 0.3172, 0.3281

Complementary

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



50.4628, 0.3141, 0.3341



48.9413, 0.3113, 0.3239

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.



50.4628, 0.3145, 0.3256



50.4628, 0.3141, 0.3341



50.4628, 0.3086, 0.3237

Square

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



50.4628, 0.3141, 0.3341



50.4628, 0.3068, 0.3272



50.4628, 0.3113, 0.3240



50.4628, 0.3187, 0.3308

Rectangle

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



50.4628, 0.3141, 0.3341



50.4628, 0.3091, 0.3309



50.4628, 0.3113, 0.3240



50.4628, 0.3164, 0.3272

Sweetspot

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



50.4650, 0.3141, 0.3341



90.7693, 0.3134, 0.3314



49.8663, 0.3159, 0.3316



19.5236, 0.3133, 0.3313



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



50.4650, 0.3141, 0.3341



90.0368, 0.3147, 0.3363



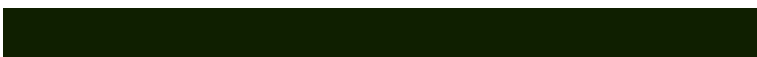
50.2179, 0.3125, 0.3341



11.1133, 0.3152, 0.3380



26.0924, 0.3362, 0.5713



1.0610, 0.3550, 0.5563

Inverse Universe

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



48.9413, 0.3113, 0.3239



86.1480, 0.3107, 0.3217



49.1920, 0.3130, 0.3239



10.5253, 0.3102, 0.3200



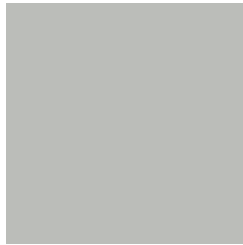
4.1976, 0.2052, 0.0904



0.2033, 0.2317, 0.1050

Previews

White Background



This preview shows how the Yxy color 50.4628, 0.3141, 0.3341 looks on a white background.

Color Contrast Check

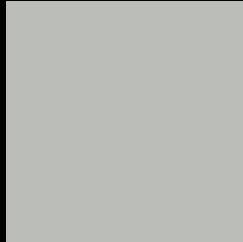
Large Text (above 18pt) WCAG AA × Fail

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 50.4628, 0.3141, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

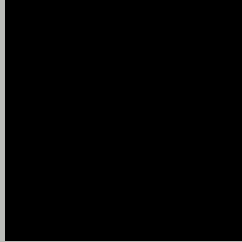
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

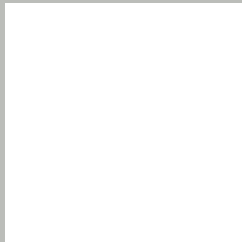
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.4628, 0.3141, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 50.4628, 0.3141, 0.3341.



This preview shows how white text looks on a background with the Yxy color 50.4628, 0.3141, 0.3341.

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

50.4628, 0.3141, 0.3341

Protanopia

50.2078, 0.3192, 0.3328

Deuteranopia

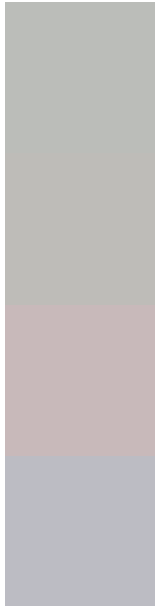
50.2665, 0.3310, 0.3242



Tritanopia

50.5765, 0.3038, 0.3116

Trichromacy



Original Color

50.4628, 0.3141, 0.3341

Protanomaly

50.3743, 0.3175, 0.3341

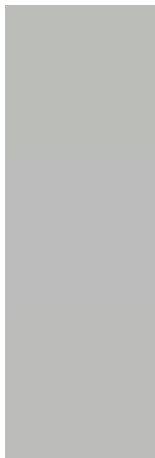
Deuteranomaly

50.5225, 0.3246, 0.3278

Tritanomaly

50.5979, 0.3074, 0.3202

Monochromacy



Original Color

50.4628, 0.3141, 0.3341

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 50.4628, 0.3141, 0.3341 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(187, 189, 185)` looks like.

```
.text, #text, p{  
    color:rgb(187, 189, 185)  
}
```

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(187, 189, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 189, 185) }
```

Border

The CSS property to change the border of an element to Yxy 50.4628, 0.3141, 0.3341 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(187, 189, 185) }
```

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

```
.border{ border-color:rgb(187, 189, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 189, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 189, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 189, 185);  
box-shadow:4px 4px 4px 4px rgb(187, 189,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4628, 0.3141, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 189, 185) }
```

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

```
.background{ background-color: rgb(187,  
189, 185) }
```

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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