

Converting Colors

Yxy(50.3031, 0.3236, 0.3426)

Have a look what the booklet for
Yxy(50.3031, 0.3236, 0.3426)
contains.

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Color

Yxy(50.2171, 0.3238, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	BFBCB1
RGB	191, 188, 177
RGB Percent	75%, 74%, 69%
CMY	0.2509, 0.2627, 0.3059
CMYK	0.00, 0.02, 0.07, 0.25
HSL	47°, 10%, 72%
HSV	47°, 7%, 75%
XYZ	47.4061, 50.2171, 48.7823
YIQ	187.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

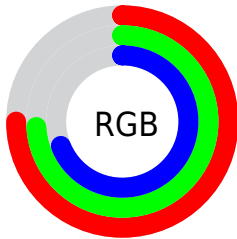
Format	Color
RYB	181, 191, 177
Decimal	12565681
CIELab	76.20, -0.90, 5.93
CIELCh	76, 6.000, 98.632
Yxy	50.2171, 0.3238, 0.3430
Android (android.graphics.Color)	4290755761 (0xFFBFCB1)
YUV	187.6430, -5.2470, 2.9441
Hunter-Lab	70.8640, -4.6004, 8.7900

Details

The Yxy color **50.2171, 0.3238, 0.3430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.7501, 0.3016, 0.3146**, and the grayscale version is **50.1060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3587, 0.3214, 0.3399**, and **24.1865, 0.3278, 0.3480** is the 20% darker color. If you saturate the color by 10%, you get **47.7827, 0.3399, 0.3628**, and if you desaturate by 10%, it is **52.8123, 0.3089, 0.3241**.

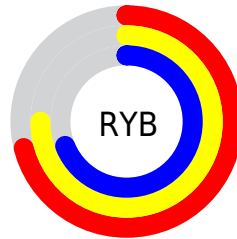
Distribution



Red (75%)

Green (74%)

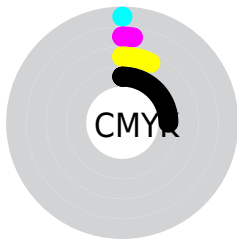
Blue (69%)



Red (71%)

Yellow (75%)

Blue (69%)

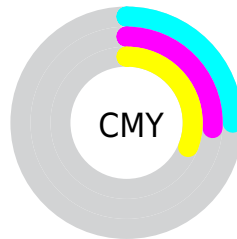


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (25%)



Cyan (25%)

Magenta (26%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2171, 0.3238, 0.3430 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 50.2171, 0.3238, 0.3430 by changing the saturation by 10% instead.

■ 50.2171, 0.3238,
0.3430

■ 50.2171, 0.3238,
0.3430

387.5143, 0.3183,
0.3361

■ 35.5859, 0.3251,
0.3447

■ 90.4965, 0.3218,
0.3405

■ 24.1146, 0.3269,
0.3469

116.9134, 0.3211,
0.3396

■ 15.4186, 0.3291,
0.3498

148.0278, 0.3205,
0.3388

■ 9.1137, 0.3322,
0.3538

184.2240, 0.3199,
0.3381

■ 4.8154, 0.3368,
0.3597

225.8863, 0.3194,
0.3375

■ 2.1394, 0.3442,
0.3693

273.3992, 0.3190,

■ 0.6866, 0.3822,

0.3369

0.4161

327.1471, 0.3187,
0.3365

0.0000, 0.0000,
0.0000

50.2171, 0.3238,
0.3430

50.2171, 0.3238,
0.3430

47.7827, 0.3399,
0.3628

52.8123, 0.3089,
0.3241

45.4978, 0.3570,
0.3830

55.5662, 0.2952,
0.3062

43.3593, 0.3748,
0.4030

58.4854, 0.2828,
0.2896

41.3618, 0.3927,
0.4220

61.5741, 0.2716,
0.2743

39.4994, 0.4102,
0.4391

63.6575, 0.2711,
0.2774

■ 37.7654, 0.4265,
0.4532

■ 65.6896, 0.2715,
0.2821

■ 36.1525, 0.4407,
0.4634

■ 67.7739, 0.2720,
0.2867

■ 34.6522, 0.4523,
0.4691

■ 69.9107, 0.2724,
0.2914

■ 33.2525, 0.4611,
0.4704

■ 72.1004, 0.2728,
0.2960

Harmonies

Analogous

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



50.2171, 0.3282, 0.3396



50.2171, 0.3238, 0.3430



50.2171, 0.3165, 0.3426

Triad

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



50.2171, 0.3238, 0.3430



50.2171, 0.2973, 0.3242



50.2171, 0.3171, 0.3199

Complementary

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



50.2171, 0.3238, 0.3430



45.7501, 0.3016, 0.3146

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.



50.2171, 0.3088, 0.3159



50.2171, 0.3238, 0.3430



50.2171, 0.2975, 0.3182

Square

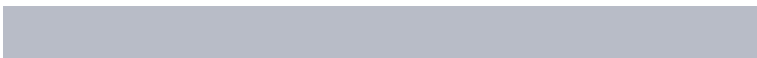
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.2171, 0.3238, 0.3430



50.2171, 0.3012, 0.3316



50.2171, 0.3017, 0.3152



50.2171, 0.3243, 0.3264

Rectangle

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



50.2171, 0.3238, 0.3430



50.2171, 0.3109, 0.3401



50.2171, 0.3017, 0.3152



50.2171, 0.3144, 0.3183

Sweetspot

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



50.2193, 0.3238, 0.3430



92.3597, 0.3157, 0.3328



45.8141, 0.3226, 0.3251



20.2917, 0.3156, 0.3326



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.



50.2193, 0.3238, 0.3430



89.1234, 0.3266, 0.3465



51.0110, 0.3201, 0.3469



10.7634, 0.3269, 0.3469



21.7338, 0.4626, 0.4709



0.9397, 0.4503, 0.4806

Inverse Universe

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



45.7501, 0.3016, 0.3146



79.2790, 0.2987, 0.3109



45.0209, 0.3049, 0.3108



9.5486, 0.2984, 0.3104



3.6129, 0.1566, 0.0838



0.2394, 0.1693, 0.1293

Previews

White Background



This preview shows how the Yxy color 50.2171, 0.3238, 0.3430 looks on a white background.

Color Contrast Check

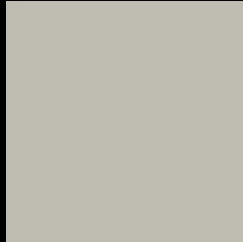
Large Text (above 18pt) WCAG AA × Fail

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 50.2171, 0.3238, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

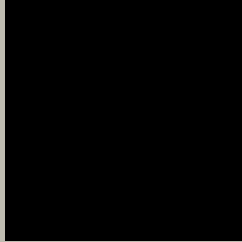
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

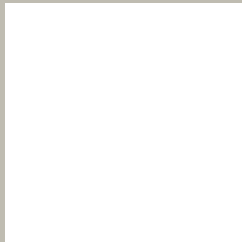
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2171, 0.3238, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 50.2171, 0.3238, 0.3430.

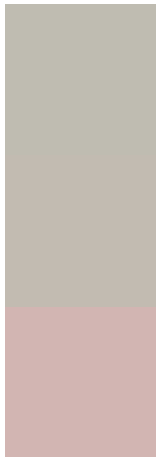


This preview shows how white text looks on a background with the Yxy color 50.2171, 0.3238, 0.3430.

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

50.2171, 0.3238, 0.3430

Protanopia

50.1843, 0.3265, 0.3416

Deuteranopia

49.9637, 0.3405, 0.3327



Tritanopia

50.2908, 0.3094, 0.3118

Trichromacy



Original Color

50.2171, 0.3238, 0.3430

Protanomaly

50.0524, 0.3256, 0.3417

Deuteranomaly

50.1918, 0.3339, 0.3365

Tritanomaly

50.2169, 0.3147, 0.3228

Monochromacy



Original Color

50.2171, 0.3238, 0.3430

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2459, 0.3166, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2171, 0.3238, 0.3430 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, 188, 177)` looks like.

```
.text, #text, p{  
    color:rgb(191, 188, 177)  
}
```

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, 188, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 188, 177) }
```

Border

The CSS property to change the border of an element to Yxy 50.2171, 0.3238, 0.3430 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, 188, 177) }
```

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

```
.border{ border-color:rgb(191, 188, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 188, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 188, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 188, 177);  
box-shadow:4px 4px 4px 4px rgb(191, 188,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2171, 0.3238, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 188, 177) }
```

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

```
.background{ background-color: rgb(191,  
188, 177) }
```

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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