

Converting Colors

Yxy(50.9705, 0.3285, 0.3434)

Have a look what the booklet for
Yxy(50.9705, 0.3285, 0.3434)
contains.

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Color

Yxy(50.8765, 0.3280, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	C4BCB1
RGB	196, 188, 177
RGB Percent	77%, 74%, 69%
CMY	0.2315, 0.2627, 0.3058
CMYK	0.00, 0.04, 0.10, 0.23
HSL	35°, 14%, 73%
HSV	35°, 10%, 77%
XYZ	48.6800, 50.8765, 48.8581
YIQ	189.1380, 8.2990, -1.7250

Conversions

Conversions Part 2

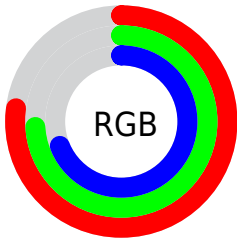
Format	Color
RYB	191, 196, 177
Decimal	12893361
CIELab	76.60, 0.89, 6.55
CIELCh	77, 6.606, 82.276
Yxy	50.8765, 0.3280, 0.3428
Android (android.graphics.Color)	4291083441 (0xFFC4BCB1)
YUV	189.1380, -5.9840, 6.0180
Hunter-Lab	71.3278, -3.0004, 9.3170

Details

The Yxy color **50.8765, 0.3280, 0.3428** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0228, 0.2979, 0.3148**, and the grayscale version is **51.0031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4672, 0.3253, 0.3398**, and **24.5340, 0.3324, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **46.7350, 0.3457, 0.3578**, and if you desaturate by 10%, it is **55.3353, 0.3122, 0.3285**.

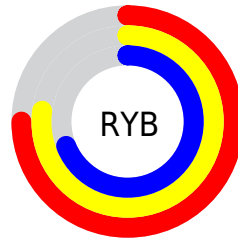
Distribution



Red (77%)

Green (74%)

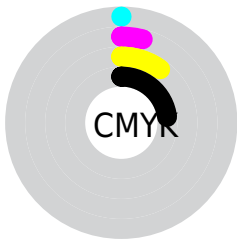
Blue (69%)



Red (75%)

Yellow (77%)

Blue (69%)

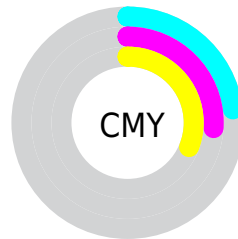


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (23%)



Cyan (23%)


Magenta (26%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8765, 0.3280, 0.3428 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 50.8765, 0.3280, 0.3428 by changing the saturation by 10% instead.


 50.8765, 0.3280,
0.3428

 50.8765, 0.3280,
0.3428


390.0838, 0.3205,
0.3360

 36.1103, 0.3299,
0.3445


 91.4722, 0.3253,
0.3404

 24.5194, 0.3322,
0.3466

118.0705, 0.3243,
0.3394

 15.7194, 0.3353,
0.3494


149.3817, 0.3234,
0.3387

 9.3258, 0.3397,
0.3532


185.7900, 0.3226,
0.3380

 4.9543, 0.3460,
0.3588

227.6800, 0.3220,
0.3374

 2.2205, 0.3561,
0.3677

275.4361, 0.3214,

 0.7311, 0.4012,

0.3369

0.4093

329.4425, 0.3209,
0.3364

0.0000, 0.0000,
0.0000

50.8765, 0.3280,
0.3428

50.8765, 0.3280,
0.3428

46.7350, 0.3457,
0.3578

55.3353, 0.3122,
0.3285

42.8960, 0.3654,
0.3732

60.1125, 0.2983,
0.3152

39.3532, 0.3870,
0.3885

65.2176, 0.2860,
0.3028

36.0978, 0.4101,
0.4030

70.6314, 0.2754,
0.2919

33.1200, 0.4340,
0.4157

75.0835, 0.2761,
0.3010

■ 30.4094, 0.4579,
0.4254

■ 79.7515, 0.2768,
0.3101

■ 27.9546, 0.4805,
0.4309

■ 84.6386, 0.2776,
0.3190

■ 25.7427, 0.5005,
0.4314

■ 89.7474, 0.2783,
0.3277

■ 23.7529, 0.5174,
0.4271

■ 90.4722, 0.2784,
0.3289

Harmonies

Analogous

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



50.8765, 0.3304, 0.3373



50.8765, 0.3280, 0.3428



50.8765, 0.3215, 0.3447

Triad

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



50.8765, 0.3280, 0.3428



50.8765, 0.2977, 0.3280



50.8765, 0.3126, 0.3163

Complementary

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



50.8765, 0.3280, 0.3428



48.0228, 0.2979, 0.3148

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.



50.8765, 0.3039, 0.3138



50.8765, 0.3280, 0.3428



50.8765, 0.2954, 0.3204

Square

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



50.8765, 0.3280, 0.3428



50.8765, 0.3040, 0.3361



50.8765, 0.2976, 0.3152



50.8765, 0.3214, 0.3221

Rectangle

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



50.8765, 0.3280, 0.3428



50.8765, 0.3157, 0.3435



50.8765, 0.2976, 0.3152



50.8765, 0.3095, 0.3150

Sweetspot

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



50.8787, 0.3280, 0.3428



97.4841, 0.3173, 0.3333



46.6961, 0.3226, 0.3187



20.7236, 0.3186, 0.3344



0.0000, 0.0000, 0.0000



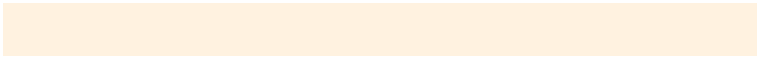
21.4041, 0.3127, 0.3290

Same Dimension

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



50.8787, 0.3280, 0.3428



90.2557, 0.3323, 0.3465



54.2063, 0.3259, 0.3526



11.0264, 0.3275, 0.3423



15.4003, 0.5162, 0.4284



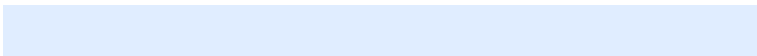
0.7993, 0.4890, 0.4499

Inverse Universe

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



48.0228, 0.2979, 0.3148



83.8459, 0.2939, 0.3108



44.9340, 0.2989, 0.3044



10.4277, 0.2984, 0.3153



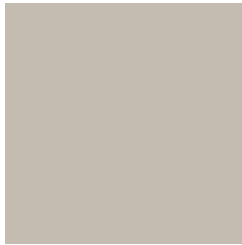
6.6319, 0.1706, 0.1341



0.4227, 0.1830, 0.1788

Previews

White Background



This preview shows how the Yxy color 50.8765, 0.3280, 0.3428 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 50.8765, 0.3280, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

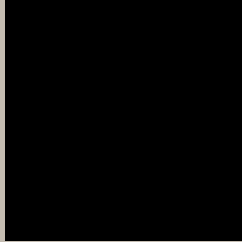
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8765, 0.3280, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 50.8765, 0.3280, 0.3428.

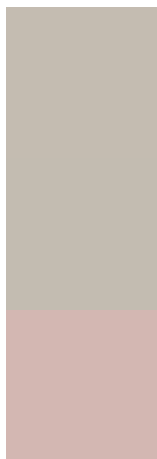


This preview shows how white text looks on a background with the Yxy color 50.8765, 0.3280, 0.3428.

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

50.8765, 0.3280, 0.3428

Protanopia

50.7429, 0.3272, 0.3428

Deuteranopia

50.9302, 0.3411, 0.3351



Tritanopia

50.9636, 0.3135, 0.3120

Trichromacy



Original Color

50.8765, 0.3280, 0.3428

Protanomaly

50.7429, 0.3272, 0.3428

Deuteranomaly

51.0341, 0.3363, 0.3376

Tritanomaly

50.8852, 0.3189, 0.3229

Monochromacy



Original Color

50.8765, 0.3280, 0.3428

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1044, 0.3183, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8765, 0.3280, 0.3428 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(196, 188, 177)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 188, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 188, 177) }
```

Border

The CSS property to change the border of an element to Yxy 50.8765, 0.3280, 0.3428 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(196, 188, 177) }
```

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

```
.border{ border-color:rgb(196, 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(196, 188, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 188, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 188, 177);  
box-shadow:4px 4px 4px 4px rgb(196, 188,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8765, 0.3280, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 188, 177) }
```

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

```
.background{ background-color: rgb(196,  
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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