

Converting Colors

$Yxy(51.7040, 0.3330, 0.3407)$

Have a look what the booklet for
Yxy(51.7040, 0.3330, 0.3407)
contains.

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Color

Yxy(51.8773, 0.3332, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	CBBCB2
RGB	203, 188, 178
RGB Percent	80%, 74%, 70%
CMY	0.2040, 0.2627, 0.3019
CMYK	0.00, 0.07, 0.12, 0.20
HSL	24°, 19%, 75%
HSV	24°, 12%, 80%
XYZ	50.6461, 51.8773, 49.4757
YIQ	191.3450, 12.1500, 0.0700

Conversions

Conversions Part 2

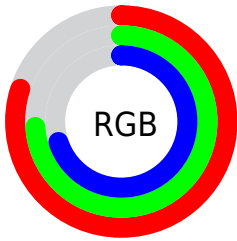
Format	Color
R _Y B	203, 195, 178
Decimal	13352114
CIE Lab	77.21, 3.60, 6.94
CIE LCh	77, 7.822, 62.579
Yxy	51.8773, 0.3332, 0.3413
Android (android.graphics.Color)	4291542194 (0xFFCBB2B2)
YUV	191.3450, -6.5791, 10.2214
Hunter-Lab	72.0259, -0.5303, 9.6909

Details

The Yxy color **51.8773, 0.3332, 0.3413** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9188, 0.2938, 0.3164**, and the grayscale version is **52.3455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9019, 0.3260, 0.3388**, and **25.1982, 0.3396, 0.3456** is the 20% darker color. If you saturate the color by 10%, you get **46.1373, 0.3529, 0.3519**, and if you desaturate by 10%, it is **58.1817, 0.3163, 0.3312**.

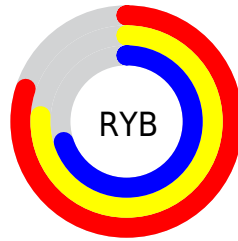
Distribution



Red (80%)

Green (74%)

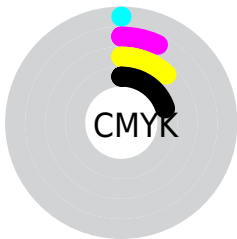
Blue (70%)



Red (80%)

Yellow (76%)

Blue (70%)

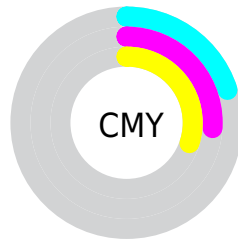


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8773, 0.3332, 0.3413 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 51.8773, 0.3332, 0.3413 by changing the saturation by 10% instead.


 51.8773, 0.3332,
0.3413

 51.8773, 0.3332,
0.3413

393.9627, 0.3231,
0.3353

 36.9073, 0.3357,
0.3427


 92.9503, 0.3296,
0.3392

 25.1357, 0.3388,
0.3446


119.8220, 0.3282,
0.3384

 16.1782, 0.3430,
0.3469


151.4297, 0.3270,
0.3377

 9.6503, 0.3488,
0.3502

188.1579, 0.3260,
0.3371

 5.1677, 0.3572,
0.3548

230.3909, 0.3251,
0.3366

 2.3460, 0.3707,
0.3619

278.5131, 0.3244,

 0.7979, 0.4174,

0.3361

0.3935

332.9089, 0.3237,
0.3357

0.0000, 0.0000,
0.0000

51.8773, 0.3332,
0.3413

51.8773, 0.3332,
0.3413

46.1373, 0.3529,
0.3519

58.1817, 0.3163,
0.3312

40.9387, 0.3757,
0.3629

65.0591, 0.3017,
0.3218

36.2670, 0.4016,
0.3736

72.5263, 0.2893,
0.3132

32.1043, 0.4306,
0.3835

80.3229, 0.2809,
0.3096

28.4316, 0.4619,
0.3914

87.6056, 0.2817,
0.3225

■ 25.2287, 0.4942,
0.3962

■ 91.4342, 0.2821,
0.3289

■ 22.4732, 0.5252,
0.3965

■ 20.1406, 0.5526,
0.3916

■ 18.6080, 0.5707,
0.3850

Harmonies

Analogous

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



51.8773, 0.3323, 0.3329



51.8773, 0.3332, 0.3413



51.8773, 0.3285, 0.3466

Triad

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



51.8773, 0.3332, 0.3413



51.8773, 0.2995, 0.3342



51.8773, 0.3056, 0.3116

Complementary

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



51.8773, 0.3332, 0.3413



51.9188, 0.2938, 0.3164

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.



51.8773, 0.2970, 0.3117



51.8773, 0.3332, 0.3413



51.8773, 0.2935, 0.3246

Square

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



51.8773, 0.3332, 0.3413



51.8773, 0.3090, 0.3426



51.8773, 0.2926, 0.3163



51.8773, 0.3162, 0.3160

Rectangle

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



51.8773, 0.3332, 0.3413



51.8773, 0.3229, 0.3475



51.8773, 0.2926, 0.3163



51.8773, 0.3024, 0.3111

Sweetspot

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



51.8796, 0.3332, 0.3413



95.5176, 0.3190, 0.3329



48.3951, 0.3222, 0.3108



20.2680, 0.3203, 0.3337



0.0000, 0.0000, 0.0000



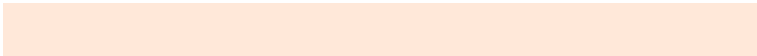
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8796, 0.3332, 0.3413



83.9982, 0.3386, 0.3443



57.4444, 0.3313, 0.3562



11.9379, 0.3280, 0.3383



12.0117, 0.5683, 0.3870



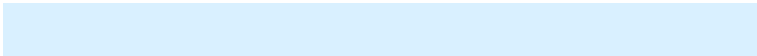
0.7670, 0.5326, 0.4153

Inverse Universe

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



51.9188, 0.2938, 0.3164



84.0770, 0.2893, 0.3132



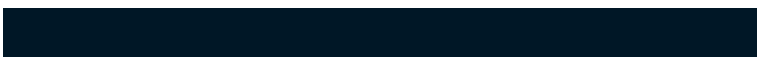
46.6320, 0.2934, 0.3003



11.9447, 0.2983, 0.3195



11.7530, 0.1871, 0.1935



0.7524, 0.1952, 0.2228

Previews

White Background



This preview shows how the Yxy color 51.8773, 0.3332, 0.3413 looks on a white background.

Color Contrast Check

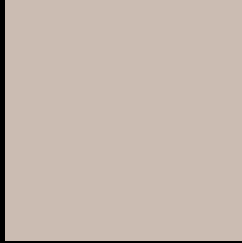
Large Text (above 18pt) WCAG AA × Fail

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 51.8773, 0.3332, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

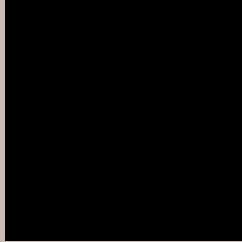
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

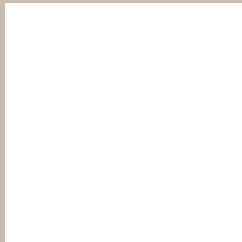
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8773, 0.3332, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 51.8773, 0.3332, 0.3413.



This preview shows how white text looks on a background with the Yxy color 51.8773, 0.3332, 0.3413.

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

51.8773, 0.3332, 0.3413

Protanopia

51.9519, 0.3270, 0.3427

Deuteranopia

51.8318, 0.3427, 0.3350



Tritanopia

51.9433, 0.3193, 0.3123

Trichromacy



Original Color

51.8773, 0.3332, 0.3413

Protanomaly

51.7920, 0.3289, 0.3414

Deuteranomaly

51.6542, 0.3390, 0.3363

Tritanomaly

51.8585, 0.3248, 0.3230

Monochromacy



Original Color

51.8773, 0.3332, 0.3413

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.9742, 0.3199, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8773, 0.3332, 0.3413 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(203, 188, 178)` looks like.

```
.text, #text, p{  
    color:rgb(203, 188, 178)  
}
```

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(203, 188, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 188, 178) }
```

Border

The CSS property to change the border of an element to Yxy 51.8773, 0.3332, 0.3413 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(203, 188, 178) }
```

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

```
.border{ border-color:rgb(203, 188, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 188, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 188, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 188, 178);  
box-shadow:4px 4px 4px 4px rgb(203, 188,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8773, 0.3332, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 188, 178) }
```

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

```
.background{ background-color: rgb(203,  
188, 178) }
```

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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