

Converting Colors

Yxy(51.1063, 0.3224, 0.3330)

Have a look what the booklet for
Yxy(51.1063, 0.3224, 0.3330)
contains.

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Color

Yxy(51.2050, 0.3217, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	C4BCB9
RGB	196, 188, 185
RGB Percent	77%, 74%, 73%
CMY	0.2315, 0.2627, 0.2746
CMYK	0.00, 0.04, 0.06, 0.23
HSL	17°, 9%, 75%
HSV	17°, 6%, 77%
XYZ	49.4971, 51.2050, 53.1590
YIQ	190.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

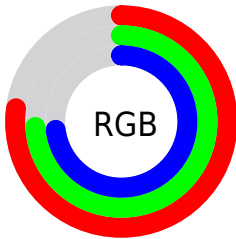
Format	Color
R _Y B	196, 189, 185
Decimal	12893369
CIE Lab	76.80, 2.26, 2.52
CIE LCh	77, 3.384, 48.173
Yxy	51.2050, 0.3217, 0.3328
Android (android.graphics.Color)	4291083449 (0xFFC4BCB9)
YUV	190.0500, -2.4896, 5.2182
Hunter-Lab	71.5577, -1.7557, 6.0448

Details

The Yxy color **51.2050, 0.3217, 0.3328** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4041, 0.3041, 0.3252**, and the grayscale version is **51.5333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9349, 0.3204, 0.3319**, and **24.7447, 0.3238, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **44.6729, 0.3401, 0.3400**, and if you desaturate by 10%, it is **58.4506, 0.3063, 0.3261**.

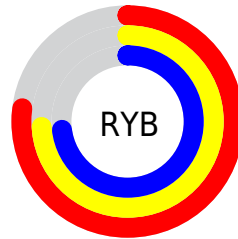
Distribution



Red (77%)

Green (74%)

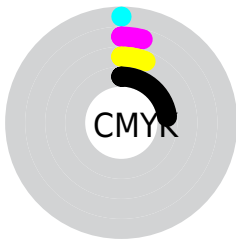
Blue (73%)



Red (77%)

Yellow (74%)

Blue (73%)

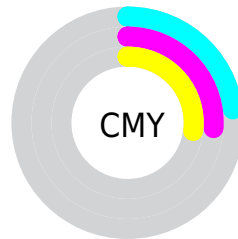


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (23%)



Cyan (23%)


Magenta (26%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2050, 0.3217, 0.3328 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 51.2050, 0.3217, 0.3328 by changing the saturation by 10% instead.


 51.2050, 0.3217,
0.3328

 51.2050, 0.3217,
0.3328


391.3597, 0.3173,
0.3310

 36.3718, 0.3228,
0.3332


 91.9577, 0.3201,
0.3321

 24.7215, 0.3242,
0.3338


118.6460, 0.3195,
0.3319

 15.8697, 0.3260,
0.3346


150.0548, 0.3190,
0.3317

 9.4320, 0.3285,
0.3356

186.5685, 0.3185,
0.3315

 5.0240, 0.3323,
0.3371

228.5714, 0.3182,
0.3313

 2.2613, 0.3383,
0.3394

276.4480, 0.3178,

 0.7531, 0.3556,

0.3312

0.3474

330.5826, 0.3175,
0.3311

0.0000, 0.0000,
0.0000

51.2050, 0.3217,
0.3328

51.2050, 0.3217,
0.3328

44.6729, 0.3401,
0.3400

58.4506, 0.3063,
0.3261

38.8259, 0.3619,
0.3475

66.4238, 0.2933,
0.3200

33.6435, 0.3878,
0.3551

75.1467, 0.2824,
0.3144

29.1015, 0.4178,
0.3624

84.0879, 0.2775,
0.3180

25.1743, 0.4519,
0.3687

90.4719, 0.2784,
0.3289

■ 21.8346, 0.4890,
0.3730

■ 19.0526, 0.5270,
0.3741

■ 16.7959, 0.5624,
0.3710

■ 15.0280, 0.5914,
0.3636

Harmonies

Analogous

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



51.2050, 0.3201, 0.3288



51.2050, 0.3217, 0.3328



51.2050, 0.3208, 0.3358

Triad

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



51.2050, 0.3217, 0.3328



51.2050, 0.3088, 0.3331



51.2050, 0.3077, 0.3212

Complementary

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



51.2050, 0.3217, 0.3328



52.4041, 0.3041, 0.3252

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.



51.2050, 0.3047, 0.3222



51.2050, 0.3217, 0.3328



51.2050, 0.3054, 0.3291

Square

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



51.2050, 0.3217, 0.3328



51.2050, 0.3134, 0.3360



51.2050, 0.3038, 0.3251



51.2050, 0.3120, 0.3222

Rectangle

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



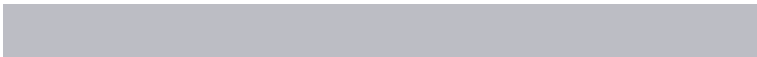
51.2050, 0.3217, 0.3328



51.2050, 0.3190, 0.3368



51.2050, 0.3038, 0.3251



51.2050, 0.3065, 0.3213

Sweetspot

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



51.2072, 0.3217, 0.3328



97.3446, 0.3159, 0.3304



50.2713, 0.3156, 0.3191



20.8636, 0.3157, 0.3303



0.0000, 0.0000, 0.0000



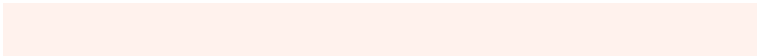
21.4041, 0.3127, 0.3290

Same Dimension

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



51.2072, 0.3217, 0.3328



90.9397, 0.3243, 0.3338



53.5531, 0.3212, 0.3394



10.7919, 0.3249, 0.3341



9.3751, 0.5999, 0.3618



0.5249, 0.5545, 0.3979

Inverse Universe

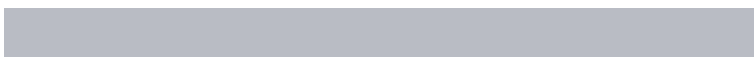
The Inverse Universe completely reimagines the original color for something new.



52.4041, 0.3041, 0.3252



93.6602, 0.3019, 0.3241



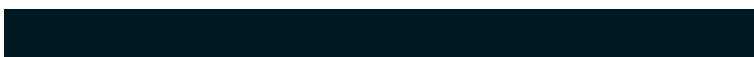
50.0659, 0.3043, 0.3184



11.1328, 0.3013, 0.3238



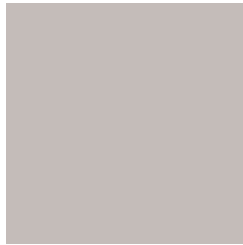
15.1000, 0.1993, 0.2375



0.7631, 0.2057, 0.2603

Previews

White Background



This preview shows how the Yxy color 51.2050, 0.3217, 0.3328 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 51.2050, 0.3217, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

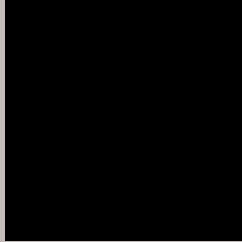
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

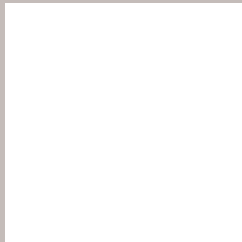
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2050, 0.3217, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 51.2050, 0.3217, 0.3328.



This preview shows how white text looks on a background with the Yxy color 51.2050, 0.3217, 0.3328.

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

51.2050, 0.3217, 0.3328

Protanopia

51.3673, 0.3199, 0.3340

Deuteranopia

50.9675, 0.3326, 0.3255



Tritanopia

51.2937, 0.3119, 0.3120

Trichromacy



Original Color

51.2050, 0.3217, 0.3328

Protanomaly

51.5001, 0.3208, 0.3340

Deuteranomaly

51.0805, 0.3280, 0.3278

Tritanomaly

51.3511, 0.3148, 0.3192

Monochromacy



Original Color

51.2050, 0.3217, 0.3328

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.2325, 0.3160, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2050, 0.3217, 0.3328 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(196, 188, 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(196, 188, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 188, 185) }
```

Border

The CSS property to change the border of an element to Yxy 51.2050, 0.3217, 0.3328 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, 185) }
```

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

```
.border{ border-color:rgb(196, 188, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 188, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 188, 185);  
box-shadow:4px 4px 4px 4px rgb(196, 188,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2050, 0.3217, 0.3328 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, 185) }
```

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

```
.background{ background-color: rgb(196,  
188, 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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