

Converting Colors

Yxy(50.6514, 0.3222, 0.3241)

Have a look what the booklet for
Yxy(50.6514, 0.3222, 0.3241)
contains.

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Color

Yxy(50.6514, 0.3222, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	C8B9BD
RGB	200, 185, 189
RGB Percent	78%, 73%, 74%
CMY	0.2157, 0.2745, 0.2587
CMYK	0.00, 0.07, 0.05, 0.22
HSL	344°, 12%, 75%
HSV	344°, 7%, 78%
XYZ	50.3545, 50.6514, 55.2774
YIQ	189.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

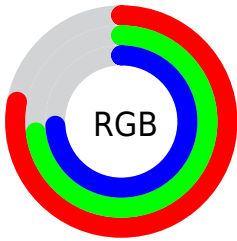
Format	Color
R _Y B	200, 185, 189
Decimal	13154749
CIE Lab	76.47, 6.01, -0.12
CIE LCh	76, 6.014, 358.838
Yxy	50.6514, 0.3222, 0.3241
Android (android.graphics.Color)	4291344829 (0xFFC8B9BD)
YUV	189.9410, -0.4639, 8.8217
Hunter-Lab	71.1698, 1.7462, 3.7685

Details

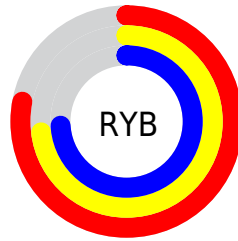
The Yxy color **50.6514, 0.3222, 0.3241** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6066, 0.3040, 0.3340**, and the grayscale version is **51.4577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7632, 0.3195, 0.3251**, and **24.3911, 0.3245, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **42.2615, 0.3374, 0.3172**, and if you desaturate by 10%, it is **60.2869, 0.3099, 0.3306**.

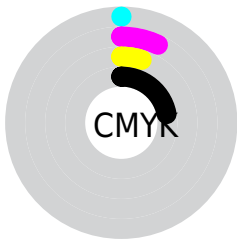
Distribution



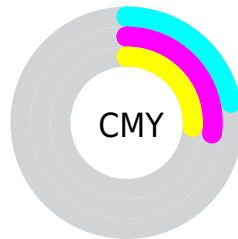
- Red (78%)
- Green (73%)
- Blue (74%)



- Red (78%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (22%)





- Cyan (22%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6514, 0.3222, 0.3241 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 50.6514, 0.3222, 0.3241 by changing the saturation by 10% instead.


 50.6514, 0.3222,
0.3241

 50.6514, 0.3222,
0.3241


389.2079, 0.3175,
0.3265

 35.9313, 0.3233,
0.3235


 91.1393, 0.3205,
0.3250

 24.3811, 0.3248,
0.3227

117.6758, 0.3199,
0.3253

 15.6166, 0.3268,
0.3217


148.9199, 0.3193,
0.3256

 9.2532, 0.3294,
0.3204

185.2560, 0.3189,
0.3258

 4.9067, 0.3334,
0.3183

227.0684, 0.3185,
0.3260

 2.1926, 0.3397,
0.3150

274.7416, 0.3181,

 0.7160, 0.3549,

0.3262

0.3071

328.6600, 0.3178,
0.3264

0.0000, 0.0000,
0.0000

50.6514, 0.3222,
0.3241

50.6514, 0.3222,
0.3241

42.2615, 0.3374,
0.3172

60.2869, 0.3099,
0.3306

35.0600, 0.3560,
0.3100

71.2093, 0.2998,
0.3365

28.9946, 0.3787,
0.3027

83.4660, 0.2916,
0.3420

24.0070, 0.4060,
0.2960

90.5509, 0.2843,
0.3367

20.0333, 0.4379,
0.2904

91.0189, 0.2805,
0.3289

■ 17.0030, 0.4739,
0.2871

■ 14.8365, 0.5120,
0.2871

■ 13.4407, 0.5490,
0.2913

■ 12.6854, 0.5812,
0.2995

Harmonies

Analogous

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



50.6514, 0.3144, 0.3183



50.6514, 0.3222, 0.3241



50.6514, 0.3275, 0.3312

Triad

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



50.6514, 0.3222, 0.3241



50.6514, 0.3191, 0.3431



50.6514, 0.2970, 0.3199

Complementary

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



50.6514, 0.3222, 0.3241



55.6066, 0.3040, 0.3340

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.



50.6514, 0.2982, 0.3265



50.6514, 0.3222, 0.3241



50.6514, 0.3109, 0.3401

Square

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



50.6514, 0.3222, 0.3241



50.6514, 0.3256, 0.3423



50.6514, 0.3033, 0.3340



50.6514, 0.2999, 0.3158

Rectangle

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



50.6514, 0.3222, 0.3241



50.6514, 0.3288, 0.3358



50.6514, 0.3033, 0.3340



50.6514, 0.2969, 0.3219

Sweetspot

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



50.6536, 0.3222, 0.3241



96.5509, 0.3151, 0.3277



50.5718, 0.3101, 0.3107



20.7020, 0.3150, 0.3278



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.



50.6536, 0.3222, 0.3241



85.1860, 0.3245, 0.3230



51.8564, 0.3250, 0.3330



10.6828, 0.3248, 0.3228



7.9873, 0.5850, 0.2996



0.3906, 0.5236, 0.2658

Inverse Universe

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



50.6536, 0.3222, 0.3241



85.1860, 0.3245, 0.3230



54.3032, 0.3012, 0.3249



10.6828, 0.3248, 0.3228



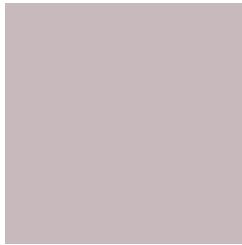
7.9873, 0.5850, 0.2996



0.3906, 0.5236, 0.2658

Previews

White Background



This preview shows how the Yxy color 50.6514, 0.3222, 0.3241 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 50.6514, 0.3222, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

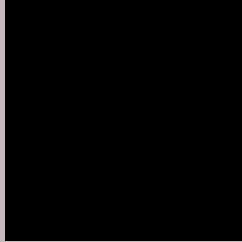
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

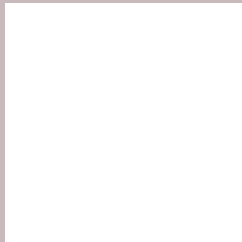
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6514, 0.3222, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 50.6514, 0.3222, 0.3241.



This preview shows how white text looks on a background with the Yxy color 50.6514, 0.3222, 0.3241.

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

50.6514, 0.3222, 0.3241

Protanopia

50.8044, 0.3129, 0.3253

Deuteranopia

50.6629, 0.3276, 0.3218



Tritanopia

50.7757, 0.3160, 0.3121

Trichromacy



Original Color

50.6514, 0.3222, 0.3241

Protanomaly

50.7277, 0.3162, 0.3253

Deuteranomaly

50.7925, 0.3257, 0.3230

Tritanomaly

50.6386, 0.3184, 0.3156

Monochromacy



Original Color

50.6514, 0.3222, 0.3241

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.1535, 0.3161, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6514, 0.3222, 0.3241 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(200, 185, 189)` looks like.

```
.text, #text, p{  
    color:rgb(200, 185, 189)  
}
```

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(200, 185, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 185, 189) }
```

Border

The CSS property to change the border of an element to Yxy 50.6514, 0.3222, 0.3241 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(200, 185, 189) }
```

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

```
.border{ border-color:rgb(200, 185, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 185, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 185, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 185, 189);  
box-shadow:4px 4px 4px 4px rgb(200, 185,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6514, 0.3222, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 185, 189) }
```

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

```
.background{ background-color: rgb(200,  
185, 189) }
```

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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