

Converting Colors

Yxy(50.8682, 0.3257, 0.3225)

Have a look what the booklet for
Yxy(50.8682, 0.3257, 0.3225)
contains.

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Color

Yxy(50.7925, 0.3257, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	CCB8BD
RGB	204, 184, 189
RGB Percent	80%, 72%, 74%
CMY	0.2002, 0.2783, 0.2589
CMYK	0.00, 0.10, 0.07, 0.20
HSL	345°, 16%, 76%
HSV	345°, 10%, 80%
XYZ	51.2171, 50.7925, 55.2427
YIQ	190.5500, 10.3150, 5.7950

Conversions

Conversions Part 2

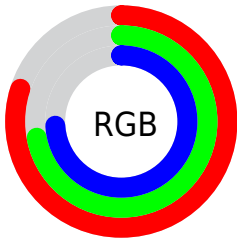
Format	Color
R _Y B	204, 184, 189
Decimal	13416637
CIE Lab	76.55, 7.94, 0.06
CIE LCh	77, 7.940, 0.428
Yxy	50.7925, 0.3257, 0.3230
Android (android.graphics.Color)	4291606717 (0xFFCCB8BD)
YUV	190.5500, -0.7641, 11.7957
Hunter-Lab	71.2689, 3.5578, 3.9306

Details

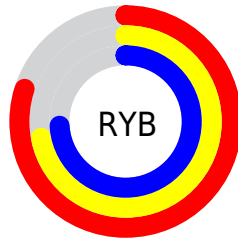
The Yxy color $50.7925, 0.3257, 0.3230$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.4795, 0.3012, 0.3351$, and the grayscale version is $51.8244, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.1727, 0.3195, 0.3242$, and $24.4942, 0.3293, 0.3209$ is the 20% darker color. If you saturate the color by 10%, you get $42.2919, 0.3420, 0.3165$, and if you desaturate by 10%, it is $60.5894, 0.3124, 0.3291$.

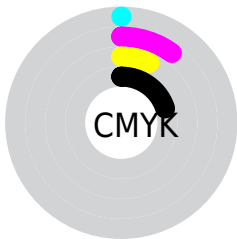
Distribution



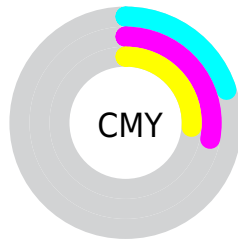
- Red (80%)
- Green (72%)
- Blue (74%)



- Red (80%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (20%)





- Cyan (20%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7925, 0.3257, 0.3230 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 50.7925, 0.3257, 0.3230 by changing the saturation by 10% instead.


 50.7925, 0.3257,
0.3230

 50.7925, 0.3257,
0.3230


389.7571, 0.3193,
0.3260

 36.0435, 0.3273,
0.3223


 91.3480, 0.3234,
0.3241

 24.4678, 0.3293,
0.3213


117.9232, 0.3225,
0.3245

 15.6810, 0.3319,
0.3201


149.2094, 0.3218,
0.3248

 9.2987, 0.3356,
0.3184

185.5908, 0.3211,
0.3251

 4.9365, 0.3410,
0.3159

227.4519, 0.3206,
0.3254

 2.2101, 0.3496,
0.3119

275.1770, 0.3201,

 0.7255, 0.3691,

0.3256

0.3029

329.1506, 0.3197,
0.3258

0.0000, 0.0000,
0.0000

50.7925, 0.3257,
0.3230

50.7925, 0.3257,
0.3230

42.2919, 0.3420,
0.3165

60.5894, 0.3124,
0.3291

35.0267, 0.3621,
0.3097

71.7269, 0.3017,
0.3348

28.9410, 0.3865,
0.3030

84.2554, 0.2929,
0.3400

23.9723, 0.4158,
0.2969

91.2676, 0.2851,
0.3339

20.0518, 0.4498,
0.2923

91.5708, 0.2827,
0.3289

■ 17.1035, 0.4875,
0.2900

■ 15.0407, 0.5266,
0.2911

■ 13.7613, 0.5633,
0.2964

■ 13.0816, 0.5941,
0.3048

Harmonies

Analogous

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



50.7925, 0.3155, 0.3153



50.7925, 0.3257, 0.3230



50.7925, 0.3324, 0.3324

Triad

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



50.7925, 0.3257, 0.3230



50.7925, 0.3205, 0.3476



50.7925, 0.2921, 0.3165

Complementary

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



50.7925, 0.3257, 0.3230



57.4795, 0.3012, 0.3351

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.



50.7925, 0.2934, 0.3251



50.7925, 0.3257, 0.3230



50.7925, 0.3097, 0.3433

Square

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



50.7925, 0.3257, 0.3230



50.7925, 0.3294, 0.3467



50.7925, 0.2998, 0.3350



50.7925, 0.2962, 0.3115

Rectangle

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



50.7925, 0.3257, 0.3230



50.7925, 0.3340, 0.3384



50.7925, 0.2998, 0.3350



50.7925, 0.2919, 0.3191

Sweetspot

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



50.7947, 0.3257, 0.3230



94.8514, 0.3165, 0.3272



50.7857, 0.3097, 0.3049



20.0150, 0.3175, 0.3267



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.



50.7947, 0.3257, 0.3230



80.6144, 0.3293, 0.3215



52.6898, 0.3291, 0.3351



11.2588, 0.3251, 0.3232



8.2423, 0.5913, 0.3031



0.4377, 0.5342, 0.2716

Inverse Universe

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



50.7947, 0.3257, 0.3230



80.6144, 0.3293, 0.3215



55.3838, 0.2978, 0.3228



11.2588, 0.3251, 0.3232



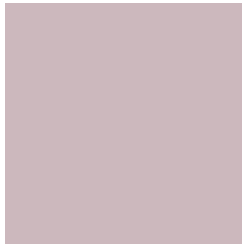
8.2423, 0.5913, 0.3031



0.4377, 0.5342, 0.2716

Previews

White Background



This preview shows how the Yxy color 50.7925, 0.3257, 0.3230 looks on a white background.

Color Contrast Check

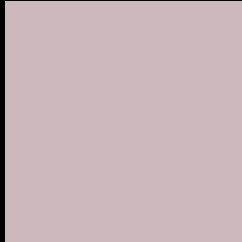
Large Text (above 18pt) WCAG AA × Fail

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 50.7925, 0.3257, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

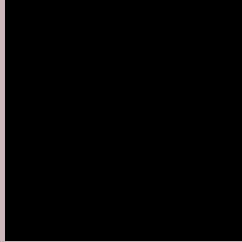
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7925, 0.3257, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 50.7925, 0.3257, 0.3230.



This preview shows how white text looks on a background with the Yxy color 50.7925, 0.3257, 0.3230.

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

50.7925, 0.3257, 0.3230

Protanopia

50.9345, 0.3137, 0.3253

Deuteranopia

50.8065, 0.3284, 0.3218



Tritanopia

50.8773, 0.3203, 0.3122

Trichromacy



Original Color

50.7925, 0.3257, 0.3230

Protanomaly

50.9941, 0.3179, 0.3253

Deuteranomaly

50.6629, 0.3276, 0.3218

Tritanomaly

50.7412, 0.3227, 0.3158

Monochromacy



Original Color

50.7925, 0.3257, 0.3230

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.4199, 0.3178, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7925, 0.3257, 0.3230 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(204, 184, 189)` looks like.

```
.text, #text, p{  
    color:rgb(204, 184, 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(204, 184, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 184, 189) }
```

Border

The CSS property to change the border of an element to Yxy 50.7925, 0.3257, 0.3230 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(204, 184, 189) }
```

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

```
.border{ border-color:rgb(204, 184, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 184, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 184, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 184, 189);  
box-shadow:4px 4px 4px 4px rgb(204, 184,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7925, 0.3257, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 184, 189) }
```

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

```
.background{ background-color: rgb(204,  
184, 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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