

Converting Colors

Yxy(51.7265, 0.3138, 0.3068)

Have a look what the booklet for
Yxy(51.7265, 0.3138, 0.3068)
contains.

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Color

Yxy(51.7062, 0.3137, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	CBB9CB
RGB	203, 185, 203
RGB Percent	80%, 73%, 80%
CMY	0.2041, 0.2744, 0.2039
CMYK	0.00, 0.09, 0.00, 0.20
HSL	300°, 15%, 76%
HSV	300°, 9%, 80%
XYZ	52.7487, 51.7062, 63.6953
YIQ	192.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

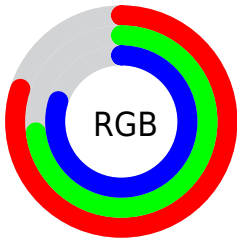
Format	Color
R _Y B	203, 185, 203
Decimal	13351371
CIE Lab	77.10, 9.58, -6.74
CIE LCh	77, 11.713, 324.858
Yxy	51.7062, 0.3137, 0.3075
Android (android.graphics.Color)	4291541451 (0xFFCBB9CB)
YUV	192.4340, 5.2090, 9.2664
Hunter-Lab	71.9070, 5.1047, -2.1842

Details

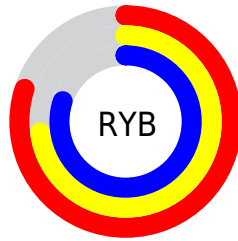
The Yxy color **51.7062, 0.3137, 0.3075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5327, 0.3117, 0.3515**, and the grayscale version is **52.9446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **25.0620, 0.3140, 0.3018** is the 20% darker color. If you saturate the color by 10%, you get **43.8071, 0.3148, 0.2827**, and if you desaturate by 10%, it is **60.8224, 0.3126, 0.3317**.

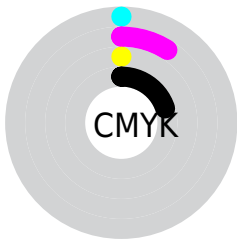
Distribution



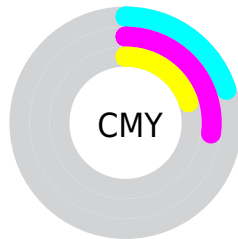
- Red (80%)
- Green (73%)
- Blue (80%)



- Red (80%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)





- Cyan (20%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7062, 0.3137, 0.3075 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 51.7062, 0.3137, 0.3075 by changing the saturation by 10% instead.


 51.7062, 0.3137,
0.3075

 51.7062, 0.3137,
0.3075

393.3013, 0.3133,
0.3179

 36.7709, 0.3138,
0.3050


 92.6978, 0.3136,
0.3112

 25.0302, 0.3139,
0.3019


119.5229, 0.3135,
0.3126

 16.0996, 0.3140,
0.2978


151.0802, 0.3135,
0.3138

 9.5946, 0.3141,
0.2922

187.7539, 0.3134,
0.3149

 5.1310, 0.3141,
0.2842

229.9284, 0.3134,
0.3158

 2.3243, 0.3141,
0.2720

277.9883, 0.3134,

 0.7865, 0.3139,

0.3166

0.2496

332.3178, 0.3133,
0.3173

0.0000, 0.0000,
0.0000

51.7062, 0.3137,
0.3075

51.7062, 0.3137,
0.3075

43.8071, 0.3148,
0.2827

60.8224, 0.3126,
0.3317

37.0673, 0.3160,
0.2579

71.1969, 0.3115,
0.3548

31.4342, 0.3170,
0.2340

82.8777, 0.3105,
0.3765

26.8486, 0.3180,
0.2119

88.5418, 0.3101,
0.3857

23.2459, 0.3189,
0.1926

88.5466, 0.3101,
0.3857

■ 20.5542, 0.3196,
0.1769

■ 88.5513, 0.3102,
0.3857

■ 18.6920, 0.3201,
0.1653

■ 88.5561, 0.3102,
0.3857

■ 17.5631, 0.3204,
0.1579

■ 88.5608, 0.3102,
0.3857

■ 17.0109, 0.3205,
0.1543

■ 88.5655, 0.3102,
0.3857

Harmonies

Analogous

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



51.7062, 0.2982, 0.3025



51.7062, 0.3137, 0.3075



51.7062, 0.3292, 0.3179

Triad

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



51.7062, 0.3137, 0.3075



51.7062, 0.3390, 0.3538



51.7062, 0.2857, 0.3258

Complementary

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



51.7062, 0.3137, 0.3075



56.5327, 0.3117, 0.3515

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.



51.7062, 0.2962, 0.3404



51.7062, 0.3137, 0.3075



51.7062, 0.3268, 0.3568

Square

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



51.7062, 0.3137, 0.3075



51.7062, 0.3440, 0.3443



51.7062, 0.3111, 0.3519



51.7062, 0.2824, 0.3126

Rectangle

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



51.7062, 0.3137, 0.3075



51.7062, 0.3374, 0.3266



51.7062, 0.3111, 0.3519



51.7062, 0.2885, 0.3308

Sweetspot

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



51.7084, 0.3137, 0.3075



95.2134, 0.3131, 0.3217



49.4590, 0.2991, 0.3069



20.1127, 0.3131, 0.3197



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.



51.7084, 0.3137, 0.3075



83.3820, 0.3140, 0.3018



51.3099, 0.3205, 0.3178



11.4028, 0.3138, 0.3062



10.7944, 0.3205, 0.1539



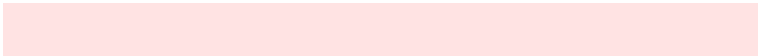
0.5572, 0.3206, 0.1540

Inverse Universe

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



50.9059, 0.3279, 0.3290



81.7167, 0.3324, 0.3290



56.9073, 0.3056, 0.3405



11.2140, 0.3290, 0.3290



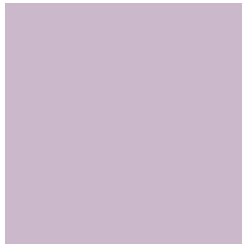
8.0806, 0.6399, 0.3299



0.4170, 0.6392, 0.3295

Previews

White Background



This preview shows how the Yxy color 51.7062, 0.3137, 0.3075 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 51.7062, 0.3137, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

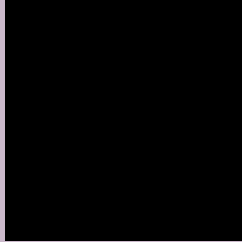
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7062, 0.3137, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 51.7062, 0.3137, 0.3075.



This preview shows how white text looks on a background with the Yxy color 51.7062, 0.3137, 0.3075.

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

51.7062, 0.3137, 0.3075

Protanopia

51.6702, 0.3001, 0.3081

Deuteranopia

51.7062, 0.3137, 0.3075



Tritanopia

51.5646, 0.3161, 0.3110

Trichromacy



Original Color

51.7062, 0.3137, 0.3075

Protanomaly

51.8436, 0.3048, 0.3083

Deuteranomaly

51.7062, 0.3137, 0.3075

Tritanomaly

51.6115, 0.3153, 0.3098

Monochromacy



Original Color

51.7062, 0.3137, 0.3075

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.1165, 0.3131, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7062, 0.3137, 0.3075 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, 185, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 185, 203)  
}
```

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, 185, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 185, 203) }
```

Border

The CSS property to change the border of an element to Yxy 51.7062, 0.3137, 0.3075 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, 185, 203) }
```

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

```
.border{ border-color:rgb(203, 185, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 185, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 185, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 185, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 185,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7062, 0.3137, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 185, 203) }
```

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

```
.background{ background-color: rgb(203,  
185, 203) }
```

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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