

Converting Colors

$Y_{xy}(54.8125, 0.3168, 0.3071)$

Have a look what the booklet for
Yxy(54.8125, 0.3168, 0.3071)
contains.

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Color

Yxy(54.9463, 0.3170, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	D4BDD0
RGB	212, 189, 208
RGB Percent	83%, 74%, 82%
CMY	0.1686, 0.2588, 0.1843
CMYK	0.00, 0.11, 0.02, 0.17
HSL	310°, 21%, 79%
HSV	310°, 11%, 83%
XYZ	56.7361, 54.9463, 67.2958
YIQ	198.0430, 7.6090, 10.7850

Conversions

Conversions Part 2

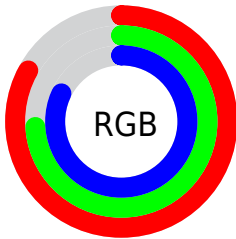
Format	Color
R _Y B	212, 189, 208
Decimal	13942224
CIE Lab	79.01, 11.47, -6.55
CIE LCh	79, 13.207, 330.263
Yxy	54.9463, 0.3170, 0.3070
Android (android.graphics.Color)	4292132304 (0xFFD4BDD0)
YUV	198.0430, 4.9088, 12.2403
Hunter-Lab	74.1258, 6.9043, -1.9390

Details

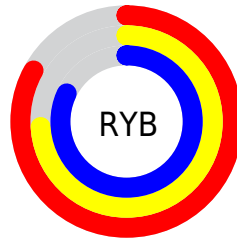
The Yxy color $54.9463, 0.3170, 0.3070$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.7593, 0.3087, 0.3520$, and the grayscale version is $56.4675, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $27.1095, 0.3173, 0.3014$ is the 20% darker color. If you saturate the color by 10%, you get $46.3054, 0.3216, 0.2860$, and if you desaturate by 10%, it is $64.9294, 0.3130, 0.3273$.

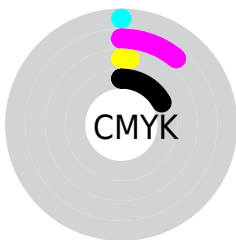
Distribution



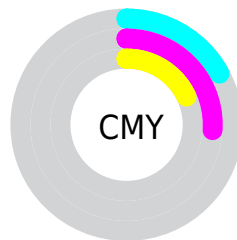
- Red (83%)
- Green (74%)
- Blue (82%)



- Red (83%)
- Yellow (74%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (17%)





- Cyan (17%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9463, 0.3170, 0.3070 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 54.9463, 0.3170, 0.3070 by changing the saturation by 10% instead.


 54.9463, 0.3170,
0.3070

 54.9463, 0.3170,
0.3070


405.7083, 0.3150,
0.3175

 39.3587, 0.3175,
0.3045


 97.4623, 0.3163,
0.3107

 27.0389, 0.3180,
0.3014


125.1595, 0.3160,
0.3121

 17.6024, 0.3188,
0.2973


157.6620, 0.3158,
0.3134

 10.6649, 0.3197,
0.2919

195.3542, 0.3156,
0.3144

 5.8420, 0.3210,
0.2843

238.6206, 0.3154,
0.3153

 2.7493, 0.3229,
0.2727

287.8455, 0.3153,

 1.0023, 0.3258,

0.3162

0.2531

343.4133, 0.3151,
0.3169

■ 0.0000, 0.3417,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9463, 0.3170,
0.3070

■ 54.9463, 0.3170,
0.3070

■ 46.3054, 0.3216,
0.2860

■ 64.9294, 0.3130,
0.3273

■ 38.9419, 0.3267,
0.2649

■ 76.3015, 0.3096,
0.3466

■ 32.7963, 0.3325,
0.2444

■ 89.1163, 0.3067,
0.3647

■ 27.8016, 0.3387,
0.2254

■ 90.8317, 0.3046,
0.3631

■ 23.8845, 0.3453,
0.2088

■ 91.0322, 0.3025,
0.3591

■ 20.9629, 0.3520,
0.1956

■ 91.2371, 0.3005,
0.3551

■ 18.9432, 0.3587,
0.1867

■ 91.4463, 0.2985,
0.3512

■ 17.7138, 0.3652,
0.1823

■ 91.6599, 0.2965,
0.3472

■ 17.1002, 0.3709,
0.1817

■ 91.8780, 0.2945,
0.3433

Harmonies

Analogous

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



54.9463, 0.2996, 0.3003



54.9463, 0.3170, 0.3070



54.9463, 0.3337, 0.3192

Triad

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



54.9463, 0.3170, 0.3070



54.9463, 0.3398, 0.3576



54.9463, 0.2817, 0.3226

Complementary

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



54.9463, 0.3170, 0.3070



61.7593, 0.3087, 0.3520

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.



54.9463, 0.2919, 0.3388



54.9463, 0.3170, 0.3070



54.9463, 0.3253, 0.3595

Square

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



54.9463, 0.3170, 0.3070



54.9463, 0.3470, 0.3481



54.9463, 0.3078, 0.3526



54.9463, 0.2795, 0.3087

Rectangle

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



54.9463, 0.3170, 0.3070



54.9463, 0.3420, 0.3290



54.9463, 0.3078, 0.3526



54.9463, 0.2842, 0.3279

Sweetspot

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



54.9487, 0.3170, 0.3070



95.1305, 0.3138, 0.3230



52.4659, 0.2987, 0.3012



20.0903, 0.3142, 0.3213



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.



54.9487, 0.3170, 0.3070



80.2776, 0.3180, 0.3023



54.4102, 0.3258, 0.3200



12.5939, 0.3164, 0.3099



10.5693, 0.3701, 0.1812



0.6475, 0.3601, 0.1758

Inverse Universe

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



54.9487, 0.3170, 0.3070



80.2776, 0.3180, 0.3023



62.2850, 0.3012, 0.3381



12.5939, 0.3164, 0.3099



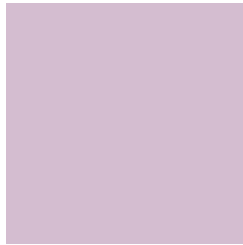
10.5693, 0.3701, 0.1812



0.6475, 0.3601, 0.1758

Previews

White Background



This preview shows how the Yxy color 54.9463, 0.3170, 0.3070 looks on a white background.

Color Contrast Check

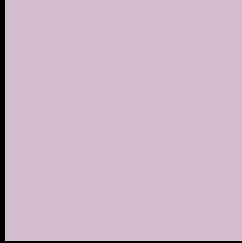
Large Text (above 18pt) WCAG AA × Fail

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 54.9463, 0.3170, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

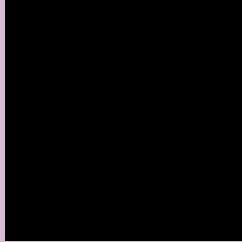
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9463, 0.3170, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 54.9463, 0.3170, 0.3070.



This preview shows how white text looks on a background with the Yxy color 54.9463, 0.3170, 0.3070.

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

54.9463, 0.3170, 0.3070

Protanopia

54.8888, 0.3011, 0.3086

Deuteranopia

54.9363, 0.3145, 0.3080



Tritanopia

55.0354, 0.3192, 0.3127

Trichromacy



Original Color

54.9463, 0.3170, 0.3070

Protanomaly

54.7699, 0.3066, 0.3077

Deuteranomaly

55.0826, 0.3153, 0.3081

Tritanomaly

55.0836, 0.3184, 0.3116

Monochromacy



Original Color

54.9463, 0.3170, 0.3070

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.9910, 0.3139, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9463, 0.3170, 0.3070 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(212, 189, 208)` looks like.

```
.text, #text, p{  
    color:rgb(212, 189, 208)  
}
```

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(212, 189, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 189, 208) }
```

Border

The CSS property to change the border of an element to Yxy 54.9463, 0.3170, 0.3070 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(212, 189, 208) }
```

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

```
.border{ border-color:rgb(212, 189, 208) }
```

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

Here you see how a box with a 4 pixel rgb(212, 189, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 189, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 189, 208);  
box-shadow:4px 4px 4px 4px rgb(212, 189,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9463, 0.3170, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 189, 208) }
```

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

```
.background{ background-color: rgb(212,  
189, 208) }
```

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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