

Converting Colors

Yxy(54.2147, 0.3129, 0.3067)

Have a look what the booklet for
Yxy(54.2147, 0.3129, 0.3067)
contains.

Yxy(54.2147, 0.3129, 0.3067)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.2147, 0.3129, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	CFBDD0
RGB	207, 189, 208
RGB Percent	81%, 74%, 82%
CMY	0.1884, 0.2588, 0.1842
CMYK	0.01, 0.09, 0.00, 0.18
HSL	297°, 17%, 78%
HSV	297°, 9%, 82%
XYZ	55.3107, 54.2147, 67.2425
YIQ	196.5480, 4.6290, 9.7250

Conversions

Conversions Part 2

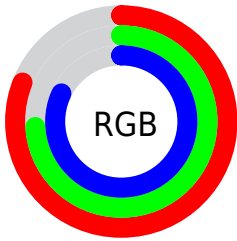
Format	Color
R _Y B	207, 189, 208
Decimal	13614544
CIE Lab	78.59, 9.74, -7.24
CIE LCh	79, 12.132, 323.384
Yxy	54.2147, 0.3129, 0.3067
Android (android.graphics.Color)	4291804624 (0xFFCFBDD0)
YUV	196.5480, 5.6458, 9.1664
Hunter-Lab	73.6306, 5.2340, -2.6046

Details

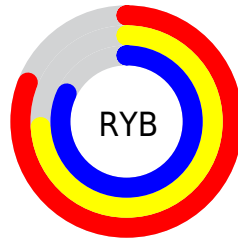
The Yxy color $54.2147, 0.3129, 0.3067$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $59.7581, 0.3124, 0.3522$, and the grayscale version is $55.5115, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $26.7137, 0.3129, 0.3010$ is the 20% darker color. If you saturate the color by 10%, you get $45.7323, 0.3130, 0.2816$, and if you desaturate by 10%, it is $63.9867, 0.3127, 0.3310$.

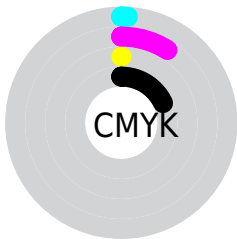
Distribution



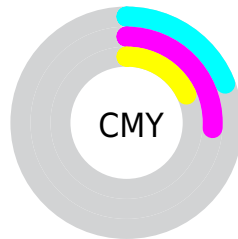
- Red (81%)
- Green (74%)
- Blue (82%)



- Red (81%)
- Yellow (74%)
- Blue (82%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)





- Cyan (19%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2147, 0.3129, 0.3067 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 54.2147, 0.3129, 0.3067 by changing the saturation by 10% instead.

 54.2147, 0.3129,
0.3067

 54.2147, 0.3129,
0.3067

402.9282, 0.3129,
0.3174

 38.7733, 0.3129,
0.3042


 96.3894, 0.3129,
0.3105

 26.5834, 0.3128,
0.3010


123.8916, 0.3129,
0.3119

 17.2606, 0.3128,
0.2968


156.1827, 0.3129,
0.3132

 10.4205, 0.3127,
0.2913

193.6474, 0.3129,
0.3143

 5.6786, 0.3124,
0.2834

236.6698, 0.3129,
0.3152

 2.6507, 0.3119,
0.2714

285.6345, 0.3129,

 0.9522, 0.3105,

0.3160

0.2510

340.9259, 0.3129,
0.3167

0.0000, 0.2097,
0.0000

0.0000, 0.0000,
0.0000

54.2147, 0.3129,
0.3067

54.2147, 0.3129,
0.3067

45.7323, 0.3130,
0.2816

63.9867, 0.3127,
0.3310

38.4780, 0.3129,
0.2564

75.0925, 0.3124,
0.3542

32.3960, 0.3127,
0.2319

87.5826, 0.3120,
0.3758

27.4233, 0.3122,
0.2090

90.0160, 0.3126,
0.3792

■ 23.4909, 0.3115,
0.1888

■ 90.1891, 0.3133,
0.3791

■ 20.5223, 0.3106,
0.1721

■ 90.3634, 0.3140,
0.3790

■ 18.4304, 0.3095,
0.1595

■ 90.5389, 0.3147,
0.3789

■ 17.1123, 0.3083,
0.1512

■ 90.7157, 0.3155,
0.3788

■ 16.3974, 0.3070,
0.1467

■ 90.8937, 0.3162,
0.3787

Harmonies

Analogous

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



54.2147, 0.2973, 0.3019



54.2147, 0.3129, 0.3067



54.2147, 0.3288, 0.3170

Triad

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



54.2147, 0.3129, 0.3067



54.2147, 0.3399, 0.3540



54.2147, 0.2856, 0.3265

Complementary

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



54.2147, 0.3129, 0.3067



59.7581, 0.3124, 0.3522

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.



54.2147, 0.2965, 0.3413



54.2147, 0.3129, 0.3067



54.2147, 0.3278, 0.3574

Square

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



54.2147, 0.3129, 0.3067



54.2147, 0.3447, 0.3440



54.2147, 0.3119, 0.3528



54.2147, 0.2818, 0.3128

Rectangle

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



54.2147, 0.3129, 0.3067



54.2147, 0.3374, 0.3258



54.2147, 0.3119, 0.3528



54.2147, 0.2885, 0.3315

Sweetspot

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



54.2170, 0.3129, 0.3067



95.1348, 0.3128, 0.3217



52.3248, 0.2986, 0.3073



20.0914, 0.3128, 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.



54.2170, 0.3129, 0.3067



83.0946, 0.3129, 0.3018



53.9754, 0.3201, 0.3163



11.9740, 0.3129, 0.3060



10.1982, 0.3071, 0.1465



0.5807, 0.3098, 0.1480

Inverse Universe

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



53.5361, 0.3277, 0.3278



81.8011, 0.3314, 0.3275



59.9898, 0.3060, 0.3421



11.8188, 0.3282, 0.3277



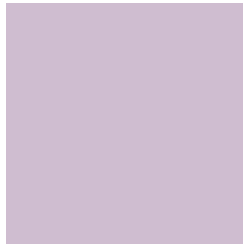
8.3784, 0.6335, 0.3264



0.4723, 0.6129, 0.3150

Previews

White Background



This preview shows how the Yxy color 54.2147, 0.3129, 0.3067 looks on a white background.

Color Contrast Check

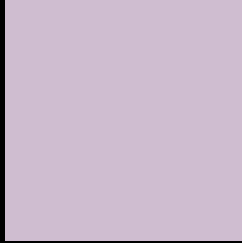
Large Text (above 18pt) WCAG AA × Fail

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 54.2147, 0.3129, 0.3067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

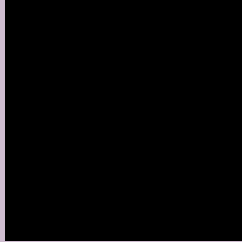
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2147, 0.3129, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 54.2147, 0.3129, 0.3067.



This preview shows how white text looks on a background with the Yxy color 54.2147, 0.3129, 0.3067.

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

54.2147, 0.3129, 0.3067

Protanopia

54.1805, 0.2996, 0.3073

Deuteranopia

54.2147, 0.3129, 0.3067



Tritanopia

54.3084, 0.3151, 0.3125

Trichromacy



Original Color

54.2147, 0.3129, 0.3067

Protanomaly

54.3582, 0.3042, 0.3075

Deuteranomaly

54.2147, 0.3129, 0.3067

Tritanomaly

54.3565, 0.3144, 0.3113

Monochromacy



Original Color

54.2147, 0.3129, 0.3067

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2181, 0.3131, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2147, 0.3129, 0.3067 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(207, 189, 208)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 189, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 189, 208) }
```

Border

The CSS property to change the border of an element to Yxy 54.2147, 0.3129, 0.3067 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(207, 189, 208) }
```

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

```
.border{ border-color:rgb(207, 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(207, 189, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 189, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 189, 208);  
box-shadow:4px 4px 4px 4px rgb(207, 189,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2147, 0.3129, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 189, 208) }
```

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

```
.background{ background-color: rgb(207,  
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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