

Converting Colors

$Y_{xy}(54.2072, 0.3248, 0.3018)$

Have a look what the booklet for
Yxy(54.2072, 0.3248, 0.3018)
contains.

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Color

Yxy(54.2072, 0.3248, 0.3018)

Conversions

Conversions Part 1

Format	Color
Hex	DDB8D0
RGB	221, 184, 208
RGB Percent	87%, 72%, 82%
CMY	0.1334, 0.2784, 0.1843
CMYK	0.00, 0.17, 0.06, 0.13
HSL	321°, 35%, 79%
HSV	321°, 17%, 87%
XYZ	58.3383, 54.2072, 67.0675
YIQ	197.7990, 14.3480, 15.3080

Conversions

Conversions Part 2

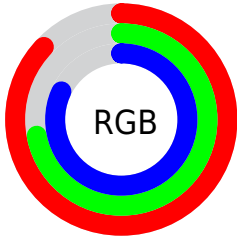
Format	Color
R _Y B	221, 184, 208
Decimal	14530768
CIE Lab	78.58, 17.24, -7.10
CIE LCh	79, 18.642, 337.626
Yxy	54.2072, 0.3248, 0.3018
Android (android.graphics.Color)	4292720848 (0xFFDDB8D0)
YUV	197.7990, 5.0291, 20.3473
Hunter-Lab	73.6255, 12.5925, -2.4710

Details

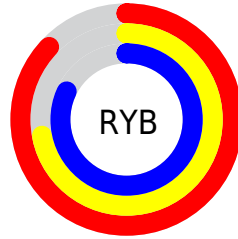
The Yxy color $54.2072, 0.3248, 0.3018$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $65.9200, 0.3023, 0.3578$, and the grayscale version is $56.3060, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $26.6727, 0.3279, 0.2947$ is the 20% darker color. If you saturate the color by 10%, you get $45.3618, 0.3338, 0.2848$, and if you desaturate by 10%, it is $64.5100, 0.3172, 0.3183$.

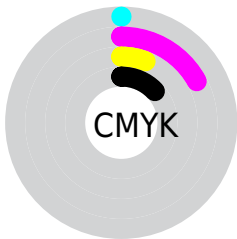
Distribution



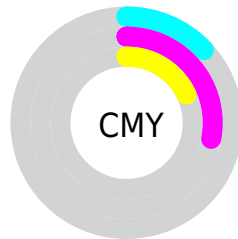
- Red (87%)
- Green (72%)
- Blue (82%)



- Red (87%)
- Yellow (72%)
- Blue (82%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2072, 0.3248, 0.3018 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 54.2072, 0.3248, 0.3018 by changing the saturation by 10% instead.


 54.2072, 0.3248,
0.3018

 54.2072, 0.3248,
0.3018


402.8996, 0.3191,
0.3148

 38.7673, 0.3262,
0.2987


 96.3784, 0.3228,
0.3064

 26.5788, 0.3279,
0.2949


123.8785, 0.3220,
0.3081

 17.2571, 0.3300,
0.2900

156.1676, 0.3213,
0.3096

 10.4180, 0.3330,
0.2833

193.6298, 0.3208,
0.3109

 5.6770, 0.3371,
0.2741

236.6498, 0.3202,
0.3121

 2.6497, 0.3432,
0.2600

285.6118, 0.3198,

 0.9517, 0.3535,

0.3131

340.9003, 0.3194,
0.3140

0.2366

0.0000, 0.4551,
0.0000

0.0000, 0.0000,
0.0000

54.2072, 0.3248,
0.3018

54.2072, 0.3248,
0.3018

45.3618, 0.3338,
0.2848

64.5100, 0.3172,
0.3183

37.8999, 0.3443,
0.2678

76.3252, 0.3107,
0.3340

31.7521, 0.3563,
0.2515

89.7140, 0.3054,
0.3488

26.8400, 0.3698,
0.2369

93.1202, 0.3010,
0.3454

■ 23.0768, 0.3844,
0.2251

■ 93.5883, 0.2967,
0.3373

■ 20.3643, 0.3998,
0.2172

■ 94.0762, 0.2925,
0.3294

■ 18.5877, 0.4155,
0.2141

■ 94.1076, 0.2923,
0.3289

■ 17.6001, 0.4308,
0.2162

■ 17.3648, 0.4358,
0.2175

Harmonies

Analogous

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



54.2072, 0.2997, 0.2903



54.2072, 0.3248, 0.3018



54.2072, 0.3473, 0.3199

Triad

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



54.2072, 0.3248, 0.3018



54.2072, 0.3466, 0.3714



54.2072, 0.2672, 0.3141

Complementary

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



54.2072, 0.3248, 0.3018



65.9200, 0.3023, 0.3578

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.



54.2072, 0.2788, 0.3371



54.2072, 0.3248, 0.3018



54.2072, 0.3243, 0.3715

Square

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



54.2072, 0.3248, 0.3018



54.2072, 0.3601, 0.3597



54.2072, 0.2995, 0.3587



54.2072, 0.2673, 0.2964

Rectangle

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



54.2072, 0.3248, 0.3018



54.2072, 0.3575, 0.3338



54.2072, 0.2995, 0.3587



54.2072, 0.2699, 0.3215

Sweetspot

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



54.2096, 0.3248, 0.3018



91.8485, 0.3160, 0.3210



51.3700, 0.2955, 0.2853



19.4234, 0.3165, 0.3199



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.



54.2096, 0.3248, 0.3018



70.5667, 0.3277, 0.2960



53.3536, 0.3399, 0.3227



13.1932, 0.3191, 0.3139



10.1127, 0.4336, 0.2162



0.6712, 0.4105, 0.2035

Inverse Universe

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



54.2096, 0.3248, 0.3018



70.5667, 0.3277, 0.2960



66.8181, 0.2909, 0.3355



13.1932, 0.3191, 0.3139



10.1127, 0.4336, 0.2162



0.6712, 0.4105, 0.2035

Previews

White Background



This preview shows how the Yxy color 54.2072, 0.3248, 0.3018 looks on a white background.

Color Contrast Check

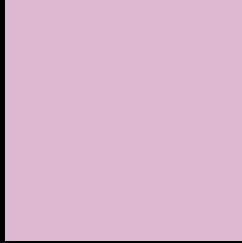
Large Text (above 18pt) WCAG AA × Fail

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 54.2072, 0.3248, 0.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

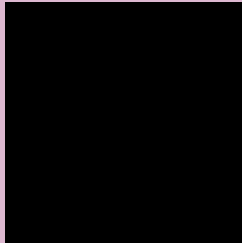
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2072, 0.3248, 0.3018

Background



This preview shows how black text looks on a background with the Yxy color 54.2072, 0.3248, 0.3018.



This preview shows how white text looks on a background with the Yxy color 54.2072, 0.3248, 0.3018.

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

54.2072, 0.3248, 0.3018

Protanopia

54.3324, 0.2975, 0.3038

Deuteranopia

54.3101, 0.3145, 0.3079



Tritanopia

54.0837, 0.3303, 0.3118

Trichromacy



Original Color

54.2072, 0.3248, 0.3018

Protanomaly

54.2769, 0.3067, 0.3031

Deuteranomaly

54.1918, 0.3187, 0.3059

Tritanomaly

54.2254, 0.3279, 0.3085

Monochromacy



Original Color

54.2072, 0.3248, 0.3018

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.5260, 0.3164, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2072, 0.3248, 0.3018 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(221, 184, 208)` looks like.

```
.text, #text, p{  
    color:rgb(221, 184, 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(221, 184, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 184, 208) }
```

Border

The CSS property to change the border of an element to Yxy 54.2072, 0.3248, 0.3018 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(221, 184, 208) }
```

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

```
.border{ border-color:rgb(221, 184, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 184, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 184, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 184, 208);  
box-shadow:4px 4px 4px 4px rgb(221, 184,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2072, 0.3248, 0.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 184, 208) }
```

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

```
.background{ background-color: rgb(221,  
184, 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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