

Converting Colors

Yxy(54.2142, 0.3247, 0.3050)

Have a look what the booklet for
Yxy(54.2142, 0.3247, 0.3050)
contains.

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Color

Yxy(54.2142, 0.3247, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	DBB9CE
RGB	219, 185, 206
RGB Percent	86%, 73%, 81%
CMY	0.1410, 0.2746, 0.1921
CMYK	0.00, 0.16, 0.06, 0.14
HSL	323°, 32%, 79%
HSV	323°, 16%, 86%
XYZ	57.7159, 54.2142, 65.8214
YIQ	197.5600, 13.5230, 13.7390

Conversions

Conversions Part 2

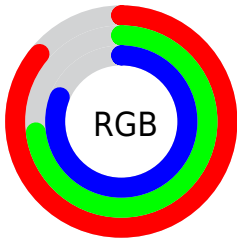
Format	Color
R _Y B	219, 185, 206
Decimal	14399950
CIE Lab	78.59, 15.70, -6.03
CIE LCh	79, 16.822, 339.000
Yxy	54.2142, 0.3247, 0.3050
Android (android.graphics.Color)	4292590030 (0xFFDDBB9CE)
YUV	197.5600, 4.1609, 18.8029
Hunter-Lab	73.6303, 11.0662, -1.4607

Details

The Yxy color $54.2142, 0.3247, 0.3050$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $65.0824, 0.3024, 0.3543$, and the grayscale version is $56.1637, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $26.6620, 0.3277, 0.2989$ is the 20% darker color. If you saturate the color by 10%, you get $45.3508, 0.3343, 0.2888$, and if you desaturate by 10%, it is $64.5161, 0.3166, 0.3207$.

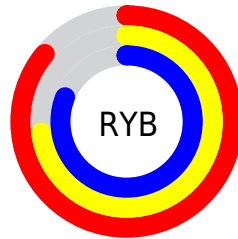
Distribution



Red (86%)

Green (73%)

Blue (81%)



Red (86%)

Yellow (73%)

Blue (81%)

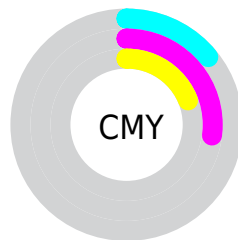


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (14%)



Cyan (14%)


Magenta (27%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2142, 0.3247, 0.3050 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 54.2142, 0.3247, 0.3050 by changing the saturation by 10% instead.


 54.2142, 0.3247,
0.3050

 54.2142, 0.3247,
0.3050

402.9263, 0.3190,
0.3165

 38.7729, 0.3261,
0.3023


 96.3887, 0.3227,
0.3091

 26.5831, 0.3278,
0.2989


123.8907, 0.3219,
0.3106

 17.2604, 0.3300,
0.2945

156.1817, 0.3212,
0.3119

 10.4203, 0.3329,
0.2886

193.6462, 0.3207,
0.3131

 5.6785, 0.3371,
0.2802

236.6685, 0.3202,
0.3141

 2.6506, 0.3435,
0.2676

285.6330, 0.3197,

 0.9522, 0.3543,

0.3150

340.9242, 0.3193,
0.3158

0.2462

0.0000, 0.4831,
0.0000

0.0000, 0.0000,
0.0000

54.2142, 0.3247,
0.3050

54.2142, 0.3247,
0.3050

45.3508, 0.3343,
0.2888

64.5161, 0.3166,
0.3207

37.8539, 0.3455,
0.2725

76.3098, 0.3099,
0.3355

31.6562, 0.3585,
0.2568

89.6550, 0.3042,
0.3493

26.6815, 0.3731,
0.2426

92.8535, 0.2995,
0.3448

■ 22.8461, 0.3892,
0.2311

■ 93.3623, 0.2950,
0.3361

■ 20.0553, 0.4064,
0.2233

■ 93.8086, 0.2912,
0.3289

■ 18.1989, 0.4239,
0.2203

■ 17.1418, 0.4412,
0.2225

■ 16.8233, 0.4488,
0.2246

Harmonies

Analogous

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



54.2142, 0.3020, 0.2942



54.2142, 0.3247, 0.3050



54.2142, 0.3447, 0.3217

Triad

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



54.2142, 0.3247, 0.3050



54.2142, 0.3426, 0.3675



54.2142, 0.2713, 0.3148

Complementary

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



54.2142, 0.3247, 0.3050



65.0824, 0.3024, 0.3543

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.



54.2142, 0.2814, 0.3354



54.2142, 0.3247, 0.3050



54.2142, 0.3222, 0.3669

Square

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



54.2142, 0.3247, 0.3050



54.2142, 0.3551, 0.3575



54.2142, 0.2999, 0.3549



54.2142, 0.2718, 0.2991

Rectangle

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



54.2142, 0.3247, 0.3050



54.2142, 0.3535, 0.3344



54.2142, 0.2999, 0.3549



54.2142, 0.2736, 0.3214

Sweetspot

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



54.2166, 0.3247, 0.3050



91.8228, 0.3162, 0.3214



51.7434, 0.2973, 0.2886



19.4171, 0.3168, 0.3204



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.



54.2166, 0.3247, 0.3050



71.7503, 0.3280, 0.2992



53.4568, 0.3381, 0.3238



13.1859, 0.3196, 0.3147



9.9918, 0.4463, 0.2232



0.6639, 0.4205, 0.2090

Inverse Universe

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



54.2166, 0.3247, 0.3050



71.7503, 0.3280, 0.2992



65.8852, 0.2920, 0.3343



13.1859, 0.3196, 0.3147



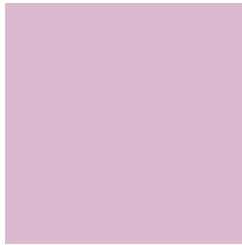
9.9918, 0.4463, 0.2232



0.6639, 0.4205, 0.2090

Previews

White Background



This preview shows how the Yxy color 54.2142, 0.3247, 0.3050 looks on a white background.

Color Contrast Check

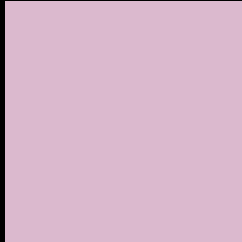
Large Text (above 18pt) WCAG AA × Fail

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 54.2142, 0.3247, 0.3050 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 54.2142, 0.3247, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 54.2142, 0.3247, 0.3050.



This preview shows how white text looks on a background with the Yxy color 54.2142, 0.3247, 0.3050.

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

54.2142, 0.3247, 0.3050

Protanopia

54.1805, 0.2996, 0.3073

Deuteranopia

54.3583, 0.3169, 0.3103



Tritanopia

54.1934, 0.3285, 0.3129

Trichromacy



Original Color

54.2142, 0.3247, 0.3050

Protanomaly

53.9869, 0.3081, 0.3065

Deuteranomaly

54.5204, 0.3202, 0.3093

Tritanomaly

54.2875, 0.3269, 0.3106

Monochromacy



Original Color

54.2142, 0.3247, 0.3050

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.4788, 0.3172, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2142, 0.3247, 0.3050 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(219, 185, 206)` looks like.

```
.text, #text, p{  
    color:rgb(219, 185, 206)  
}
```

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(219, 185, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 185, 206) }
```

Border

The CSS property to change the border of an element to Yxy 54.2142, 0.3247, 0.3050 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(219, 185, 206) }
```

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

```
.border{ border-color:rgb(219, 185, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 185, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 185, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 185, 206); box-shadow:4px 4px 4px 4px rgb(219, 185, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2142, 0.3247, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 185, 206) }
```

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

```
.background{ background-color: rgb(219,  
185, 206) }
```

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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