

Converting Colors

$Y_{xy}(54.4065, 0.3235, 0.3077)$

Have a look what the booklet for
Yxy(54.4065, 0.3235, 0.3077)
contains.

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Color

Yxy(54.2773, 0.3237, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	D9BACD
RGB	217, 186, 205
RGB Percent	85%, 73%, 80%
CMY	0.1490, 0.2706, 0.1961
CMYK	0.00, 0.14, 0.06, 0.15
HSL	323°, 29%, 79%
HSV	323°, 14%, 85%
XYZ	57.1926, 54.2773, 65.2140
YIQ	197.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

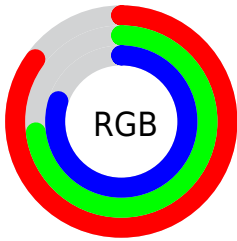
Format	Color
R _Y B	217, 186, 205
Decimal	14269133
CIE Lab	78.62, 14.26, -5.44
CIE LCh	79, 15.266, 339.110
Yxy	54.2773, 0.3237, 0.3072
Android (android.graphics.Color)	4292459213 (0xFFD9BACD)
YUV	197.4350, 3.7295, 17.1585
Hunter-Lab	73.6731, 9.6419, -0.9112

Details

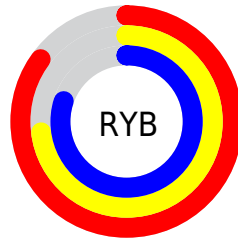
The Yxy color **54.2773, 0.3237, 0.3072** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.1437, 0.3031, 0.3518**, and the grayscale version is **56.0839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **26.6908, 0.3264, 0.3017** is the 20% darker color. If you saturate the color by 10%, you get **45.4247, 0.3332, 0.2912**, and if you desaturate by 10%, it is **64.5449, 0.3157, 0.3226**.

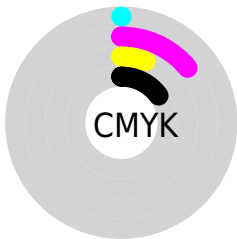
Distribution



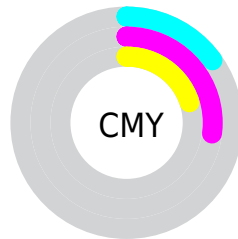
- Red (85%)
- Green (73%)
- Blue (80%)



- Red (85%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (15%)




- Cyan (15%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2773, 0.3237, 0.3072 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 54.2773, 0.3237, 0.3072 by changing the saturation by 10% instead.


 54.2773, 0.3237,
0.3072

 54.2773, 0.3237,
0.3072


403.1666, 0.3184,
0.3176

 38.8234, 0.3249,
0.3047

 96.4813, 0.3218,
0.3109

 26.6224, 0.3265,
0.3016


124.0001, 0.3211,
0.3123

 17.2898, 0.3286,
0.2976


156.3095, 0.3205,
0.3135

 10.4413, 0.3313,
0.2922

193.7936, 0.3200,
0.3146

 5.6925, 0.3352,
0.2845

236.8370, 0.3195,
0.3155

 2.6590, 0.3411,
0.2729

285.8240, 0.3191,

 0.9564, 0.3512,

0.3163

0.2531

341.1391, 0.3188,
0.3170

0.0000, 0.4865,
0.0000

0.0000, 0.0000,
0.0000

54.2773, 0.3237,
0.3072

54.2773, 0.3237,
0.3072

45.4247, 0.3332,
0.2912

64.5449, 0.3157,
0.3226

37.9172, 0.3443,
0.2750

76.2792, 0.3091,
0.3372

31.6897, 0.3572,
0.2593

89.5379, 0.3035,
0.3508

26.6687, 0.3718,
0.2449

92.4815, 0.2988,
0.3459

■ 22.7734, 0.3880,
0.2331

■ 92.9890, 0.2943,
0.3371

■ 19.9127, 0.4053,
0.2248

■ 93.4918, 0.2900,
0.3289

■ 17.9816, 0.4231,
0.2212

■ 16.8519, 0.4407,
0.2229

■ 16.4432, 0.4506,
0.2256

Harmonies

Analogous

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



54.2773, 0.3031, 0.2974



54.2773, 0.3237, 0.3072



54.2773, 0.3418, 0.3225

Triad

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



54.2773, 0.3237, 0.3072



54.2773, 0.3398, 0.3639



54.2773, 0.2750, 0.3161

Complementary

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



54.2773, 0.3237, 0.3072



64.1437, 0.3031, 0.3518

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.



54.2773, 0.2842, 0.3348



54.2773, 0.3237, 0.3072



54.2773, 0.3213, 0.3632

Square

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



54.2773, 0.3237, 0.3072



54.2773, 0.3512, 0.3550



54.2773, 0.3010, 0.3524



54.2773, 0.2756, 0.3018

Rectangle

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



54.2773, 0.3237, 0.3072



54.2773, 0.3497, 0.3340



54.2773, 0.3010, 0.3524



54.2773, 0.2771, 0.3221

Sweetspot

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



54.2797, 0.3237, 0.3072



93.4119, 0.3155, 0.3230



52.1208, 0.2991, 0.2922



19.7371, 0.3161, 0.3219



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.



54.2797, 0.3237, 0.3072



74.3572, 0.3263, 0.3026



53.5735, 0.3361, 0.3248



13.1849, 0.3197, 0.3148



9.9751, 0.4482, 0.2243



0.6629, 0.4219, 0.2098

Inverse Universe

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



54.2797, 0.3237, 0.3072



74.3572, 0.3263, 0.3026



64.8895, 0.2933, 0.3332



13.1849, 0.3197, 0.3148



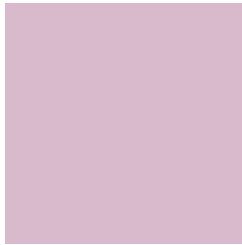
9.9751, 0.4482, 0.2243



0.6629, 0.4219, 0.2098

Previews

White Background



This preview shows how the Yxy color 54.2773, 0.3237, 0.3072 looks on a white background.

Color Contrast Check

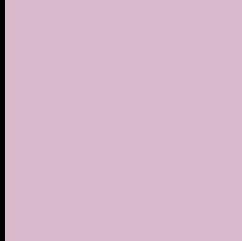
Large Text (above 18pt) WCAG AA × Fail

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 54.2773, 0.3237, 0.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

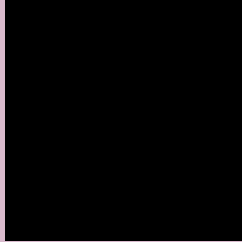
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2773, 0.3237, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 54.2773, 0.3237, 0.3072.



This preview shows how white text looks on a background with the Yxy color 54.2773, 0.3237, 0.3072.

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

54.2773, 0.3237, 0.3072

Protanopia

54.2624, 0.3011, 0.3085

Deuteranopia

54.3101, 0.3176, 0.3114



Tritanopia

54.3566, 0.3259, 0.3128

Trichromacy



Original Color

54.2773, 0.3237, 0.3072

Protanomaly

53.9375, 0.3089, 0.3076

Deuteranomaly

54.3231, 0.3202, 0.3104

Tritanomaly

54.4038, 0.3251, 0.3117

Monochromacy



Original Color

54.2773, 0.3237, 0.3072

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.1474, 0.3163, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2773, 0.3237, 0.3072 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(217, 186, 205)` looks like.

```
.text, #text, p{  
    color:rgb(217, 186, 205)  
}
```

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(217, 186, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 186, 205) }
```

Border

The CSS property to change the border of an element to Yxy 54.2773, 0.3237, 0.3072 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(217, 186, 205) }
```

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

```
.border{ border-color:rgb(217, 186, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 186, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 186, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 186, 205);  
box-shadow:4px 4px 4px 4px rgb(217, 186,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2773, 0.3237, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 186, 205) }
```

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

```
.background{ background-color: rgb(217,  
186, 205) }
```

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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