

Converting Colors

$Y_{xy}(48.2191, 0.3157, 0.2751)$

Have a look what the booklet for
Yxy(48.2191, 0.3157, 0.2751)
contains.

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Color

Yxy(48.1374, 0.3153, 0.2743)

Conversions

Conversions Part 1

Format	Color
Hex	D9A9D9
RGB	217, 169, 217
RGB Percent	85%, 66%, 85%
CMY	0.1489, 0.3373, 0.1490
CMYK	0.00, 0.22, 0.00, 0.15
HSL	300°, 39%, 76%
HSV	300°, 22%, 85%
XYZ	55.3326, 48.1374, 72.0218
YIQ	188.8240, 13.2000, 25.1040

Conversions

Conversions Part 2

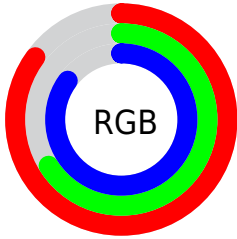
Format	Color
R _Y B	217, 169, 217
Decimal	14264793
CIE Lab	74.91, 25.63, -17.52
CIE LCh	75, 31.048, 325.655
Yxy	48.1374, 0.3153, 0.2743
Android (android.graphics.Color)	4292454873 (0xFFD9A9D9)
YUV	188.8240, 13.8908, 24.7104
Hunter-Lab	69.3811, 20.9397, -12.9798

Details

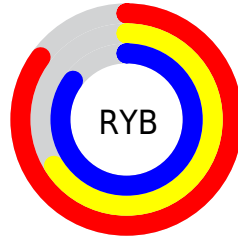
The Yxy color **48.1374, 0.3153, 0.2743** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.9373, 0.3098, 0.3905**, and the grayscale version is **50.6987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **22.7808, 0.3159, 0.2601** is the 20% darker color. If you saturate the color by 10%, you get **40.7235, 0.3165, 0.2496**, and if you desaturate by 10%, it is **56.8957, 0.3141, 0.2993**.

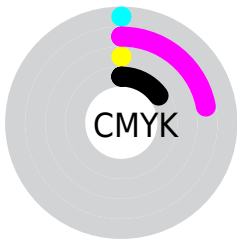
Distribution



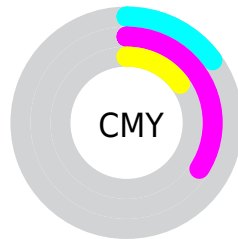
- Red (85%)
- Green (66%)
- Blue (85%)



- Red (85%)
- Yellow (66%)
- Blue (85%)



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (34%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1374, 0.3153, 0.2743 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 48.1374, 0.3153, 0.2743 by changing the saturation by 10% instead.


 48.1374, 0.3153,
0.2743

 48.1374, 0.3153,
0.2743

379.3365, 0.3145,
0.3003

 33.9357, 0.3154,
0.2682


 87.4089, 0.3151,
0.2834

 22.8442, 0.3154,
0.2606


 113.2476, 0.3150,
0.2870

 14.4785, 0.3153,
0.2508


143.7340, 0.3149,
0.2900

 8.4542, 0.3150,
0.2379

179.2526, 0.3148,
0.2926

 4.3869, 0.3141,
0.2200

220.1877, 0.3147,
0.2949

 1.8923, 0.3120,
0.1936

266.9238, 0.3147,

 0.5437, 0.3092,

0.2969

0.1425

319.8453, 0.3146,
0.2987

0.0000, 0.1288,
0.0000

0.0000, 0.0000,
0.0000

48.1374, 0.3153,
0.2743

48.1374, 0.3153,
0.2743

40.7235, 0.3165,
0.2496

56.8957, 0.3141,
0.2993

34.5815, 0.3176,
0.2262

67.0535, 0.3130,
0.3239

29.6420, 0.3186,
0.2049

78.6707, 0.3118,
0.3475

25.8260, 0.3195,
0.1868

91.2871, 0.3108,
0.3689

■ 23.0454, 0.3201,
0.1724

■ 91.2875, 0.3108,
0.3689

■ 21.1990, 0.3206,
0.1624

■ 91.2880, 0.3108,
0.3689

■ 20.1651, 0.3209,
0.1565

■ 91.2885, 0.3108,
0.3689

■ 19.7614, 0.3210,
0.1542

■ 91.2890, 0.3108,
0.3689

■ 91.2895, 0.3108,
0.3689

Harmonies

Analogous

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



48.1374, 0.2743, 0.2608



48.1374, 0.3153, 0.2743



48.1374, 0.3583, 0.3001

Triad

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



48.1374, 0.3153, 0.2743



48.1374, 0.3824, 0.3952



48.1374, 0.2412, 0.3170

Complementary

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



48.1374, 0.3153, 0.2743



60.9373, 0.3098, 0.3905

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.



48.1374, 0.2668, 0.3593



48.1374, 0.3153, 0.2743



48.1374, 0.3480, 0.4066

Square

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



48.1374, 0.3153, 0.2743



48.1374, 0.3983, 0.3675



48.1374, 0.3056, 0.3939



48.1374, 0.2338, 0.2822

Rectangle

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



48.1374, 0.3153, 0.2743



48.1374, 0.3812, 0.3217



48.1374, 0.3056, 0.3939



48.1374, 0.2479, 0.3309

Sweetspot

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



48.1395, 0.3153, 0.2743



89.1348, 0.3135, 0.3118



41.8199, 0.2755, 0.2675



18.8884, 0.3136, 0.3103



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.



48.1395, 0.3153, 0.2743



63.6592, 0.3159, 0.2616



46.9803, 0.3357, 0.3008



13.2748, 0.3138, 0.3060



11.9597, 0.3210, 0.1542



0.7748, 0.3210, 0.1542

Inverse Universe

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



48.1395, 0.3153, 0.2743



63.6592, 0.3159, 0.2616



61.9228, 0.2946, 0.3591



13.2748, 0.3138, 0.3060



11.9597, 0.3210, 0.1542



0.7748, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 48.1374, 0.3153, 0.2743 looks on a white background.

Color Contrast Check

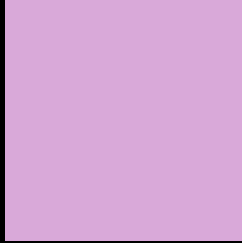
Large Text (above 18pt) WCAG AA × Fail

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 48.1374, 0.3153, 0.2743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

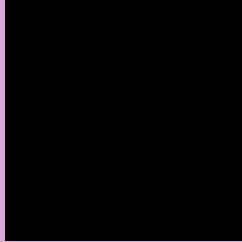
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.1374, 0.3153, 0.2743

Background



This preview shows how black text looks on a background with the Yxy color 48.1374, 0.3153, 0.2743.



This preview shows how white text looks on a background with the Yxy color 48.1374, 0.3153, 0.2743.

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

48.1374, 0.3153, 0.2743

Protanopia

48.4719, 0.2753, 0.2761

Deuteranopia

48.2402, 0.2926, 0.2862



Tritanopia

48.0491, 0.3358, 0.3123

Trichromacy



Original Color

48.1374, 0.3153, 0.2743

Protanomaly

48.1157, 0.2884, 0.2749

Deuteranomaly

48.1506, 0.3007, 0.2813

Tritanomaly

47.9247, 0.3275, 0.2973

Monochromacy



Original Color

48.1374, 0.3153, 0.2743

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.7215, 0.3137, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1374, 0.3153, 0.2743 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, 169, 217)` looks like.

```
.text, #text, p{  
    color:rgb(217, 169, 217)  
}
```

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, 169, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 169, 217) }
```

Border

The CSS property to change the border of an element to Yxy 48.1374, 0.3153, 0.2743 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, 169, 217) }
```

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

```
.border{ border-color:rgb(217, 169, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 169, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 169, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 169, 217);  
box-shadow:4px 4px 4px 4px rgb(217, 169,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1374, 0.3153, 0.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 169, 217) }
```

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

```
.background{ background-color: rgb(217,  
169, 217) }
```

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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