

Converting Colors

$Y_{xy}(48.2215, 0.3258, 0.3051)$

Have a look what the booklet for
Yxy(48.2215, 0.3258, 0.3051)
contains.

Yxy(48.1554, 0.3261, 0.3051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.1554, 0.3261, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	D1AFC3
RGB	209, 175, 195
RGB Percent	82%, 69%, 76%
CMY	0.1805, 0.3137, 0.2353
CMYK	0.00, 0.16, 0.07, 0.18
HSL	325°, 27%, 75%
HSV	325°, 16%, 82%
XYZ	51.4699, 48.1554, 58.2095
YIQ	187.4460, 13.8440, 13.4280

Conversions

Conversions Part 2

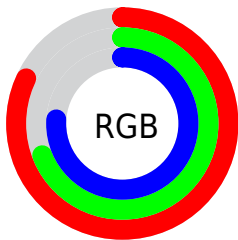
Format	Color
R_{YB}	209, 175, 195
Decimal	13742019
CIE _{Lab}	74.92, 15.64, -5.56
CIE _{LCh}	75, 16.594, 340.433
Yxy	48.1554, 0.3261, 0.3051
Android (android.graphics.Color)	4291932099 (0xFFD1AFC3)
YUV	187.4460, 3.7241, 18.9029
Hunter-Lab	69.3941, 10.9546, -1.1581

Details

The Yxy color **48.1554, 0.3261, 0.3051** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.3804, 0.3013, 0.3542**, and the grayscale version is **49.9318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4401, 0.3157, 0.3087**, and **22.7122, 0.3299, 0.2986** is the 20% darker color. If you saturate the color by 10%, you get **40.2636, 0.3364, 0.2896**, and if you desaturate by 10%, it is **57.3327, 0.3174, 0.3200**.

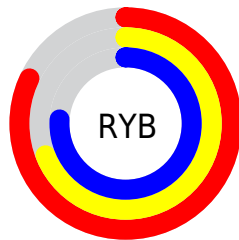
Distribution



Red (82%)

Green (69%)

Blue (76%)



Red (82%)

Yellow (69%)

Blue (76%)

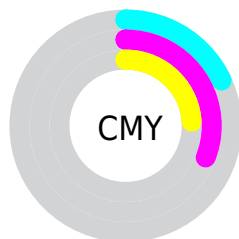


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (18%)



Cyan (18%)

Magenta (31%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1554, 0.3261, 0.3051 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 48.1554, 0.3261, 0.3051 by changing the saturation by 10% instead.


 48.1554, 0.3261,
0.3051

 48.1554, 0.3261,
0.3051


379.4078, 0.3196,
0.3168

 33.9500, 0.3277,
0.3023


 87.4357, 0.3238,
0.3093

 22.8552, 0.3297,
0.2987


113.2794, 0.3229,
0.3109

 14.4866, 0.3324,
0.2940


143.7713, 0.3221,
0.3122

 8.4599, 0.3360,
0.2876

179.2958, 0.3215,
0.3134

 4.3906, 0.3413,
0.2783

220.2373, 0.3209,
0.3144

 1.8944, 0.3496,
0.2637

266.9802, 0.3204,

 0.5450, 0.3711,

0.3153

0.2245

319.9089, 0.3199,
0.3161

0.0000, 0.0000,
0.0000

48.1554, 0.3261,
0.3051

48.1554, 0.3261,
0.3051

40.2636, 0.3364,
0.2896

57.3327, 0.3174,
0.3200

33.5930, 0.3486,
0.2741

67.8436, 0.3102,
0.3342

28.0830, 0.3627,
0.2592

79.7413, 0.3041,
0.3474

23.6654, 0.3786,
0.2457

90.7523, 0.2991,
0.3560

20.2649, 0.3963,
0.2350

91.2461, 0.2944,
0.3467

■ 17.7964, 0.4151,
0.2280

■ 91.7640, 0.2899,
0.3376

■ 16.1608, 0.4343,
0.2258

■ 92.2923, 0.2855,
0.3289

■ 15.2332, 0.4532,
0.2290

■ 14.9812, 0.4602,
0.2309

Harmonies

Analogous

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



48.1554, 0.3028, 0.2937



48.1554, 0.3261, 0.3051



48.1554, 0.3463, 0.3224

Triad

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



48.1554, 0.3261, 0.3051



48.1554, 0.3425, 0.3688



48.1554, 0.2700, 0.3134

Complementary

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



48.1554, 0.3261, 0.3051



58.3804, 0.3013, 0.3542

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.



48.1554, 0.2799, 0.3345



48.1554, 0.3261, 0.3051



48.1554, 0.3214, 0.3676

Square

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



48.1554, 0.3261, 0.3051



48.1554, 0.3559, 0.3589



48.1554, 0.2985, 0.3548



48.1554, 0.2711, 0.2977

Rectangle

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



48.1554, 0.3261, 0.3051



48.1554, 0.3550, 0.3354



48.1554, 0.2985, 0.3548



48.1554, 0.2722, 0.3201

Sweetspot

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



48.1575, 0.3261, 0.3051



91.7997, 0.3165, 0.3218



46.0353, 0.2975, 0.2869



19.4115, 0.3170, 0.3208



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.



48.1575, 0.3261, 0.3051



70.3865, 0.3300, 0.2990



47.4484, 0.3404, 0.3249



11.9233, 0.3200, 0.3154



9.2590, 0.4577, 0.2295



0.5333, 0.4259, 0.2120

Inverse Universe

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



48.1575, 0.3261, 0.3051



70.3865, 0.3300, 0.2990



59.1425, 0.2905, 0.3331



11.9233, 0.3200, 0.3154



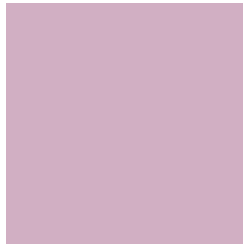
9.2590, 0.4577, 0.2295



0.5333, 0.4259, 0.2120

Previews

White Background



This preview shows how the Yxy color 48.1554, 0.3261, 0.3051 looks on a white background.

Color Contrast Check

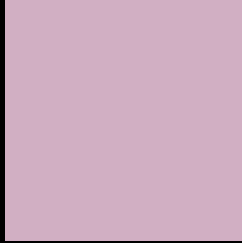
Large Text (above 18pt) WCAG AA × Fail

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 48.1554, 0.3261, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

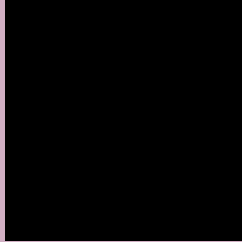
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.1554, 0.3261, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 48.1554, 0.3261, 0.3051.



This preview shows how white text looks on a background with the Yxy color 48.1554, 0.3261, 0.3051.

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

48.1554, 0.3261, 0.3051

Protanopia

48.1044, 0.2997, 0.3075

Deuteranopia

48.1410, 0.3170, 0.3105



Tritanopia

48.1783, 0.3293, 0.3121

Trichromacy



Original Color

48.1554, 0.3261, 0.3051

Protanomaly

47.9262, 0.3087, 0.3066

Deuteranomaly

48.2924, 0.3205, 0.3095

Tritanomaly

48.2663, 0.3276, 0.3098

Monochromacy



Original Color

48.1554, 0.3261, 0.3051

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.1868, 0.3174, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1554, 0.3261, 0.3051 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(209, 175, 195)` looks like.

```
.text, #text, p{  
    color:rgb(209, 175, 195)  
}
```

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(209, 175, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 175, 195) }
```

Border

The CSS property to change the border of an element to Yxy 48.1554, 0.3261, 0.3051 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(209, 175, 195) }
```

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

```
.border{ border-color:rgb(209, 175, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 175, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 175, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 175, 195);  
box-shadow:4px 4px 4px 4px rgb(209, 175,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1554, 0.3261, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 175, 195) }
```

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

```
.background{ background-color: rgb(209,  
175, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor