

Converting Colors

Yxy(50.1574, 0.3361, 0.3149)

Have a look what the booklet for
Yxy(50.1574, 0.3361, 0.3149)
contains.

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Color

Yxy(50.1574, 0.3361, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	D8B2BE
RGB	216, 178, 190
RGB Percent	85%, 70%, 75%
CMY	0.1530, 0.3019, 0.2548
CMYK	0.00, 0.18, 0.12, 0.15
HSL	341°, 33%, 77%
HSV	341°, 18%, 85%
XYZ	53.5341, 50.1574, 55.5889
YIQ	190.7300, 18.7960, 11.7880

Conversions

Conversions Part 2

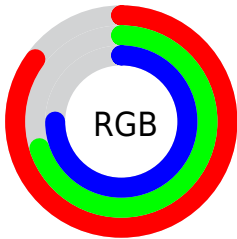
Format	Color
R _Y B	216, 178, 190
Decimal	14201534
CIE Lab	76.17, 15.66, -0.94
CIE LCh	76, 15.683, 356.560
Yxy	50.1574, 0.3361, 0.3149
Android (android.graphics.Color)	4292391614 (0xFFD8B2BE)
YUV	190.7300, -0.3599, 22.1618
Hunter-Lab	70.8219, 10.9895, 3.0380

Details

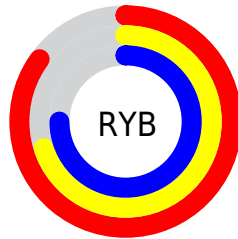
The Yxy color **50.1574, 0.3361, 0.3149** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.9326, 0.2938, 0.3436**, and the grayscale version is **51.9314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7595, 0.3193, 0.3173**, and **24.0504, 0.3425, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **41.6167, 0.3536, 0.3064**, and if you desaturate by 10%, it is **60.1213, 0.3218, 0.3231**.

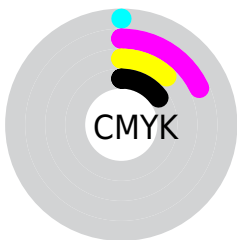
Distribution



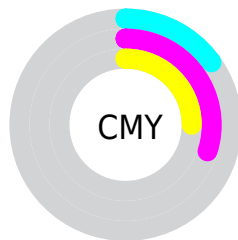
- Red (85%)
- Green (70%)
- Blue (75%)



- Red (85%)
- Yellow (70%)
- Blue (75%)



- Cyan (0%)
- Magenta (18%)
- Yellow (12%)
- Black (15%)





- Cyan (15%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1574, 0.3361, 0.3149 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 50.1574, 0.3361, 0.3149 by changing the saturation by 10% instead.


 50.1574, 0.3361,
0.3149

 50.1574, 0.3361,
0.3149


387.2812, 0.3246,
0.3218

 35.5385, 0.3389,
0.3132


 90.4080, 0.3319,
0.3174

 24.0780, 0.3426,
0.3110


116.8086, 0.3304,
0.3183

 15.3915, 0.3473,
0.3082


147.9051, 0.3290,
0.3191

 9.0946, 0.3539,
0.3043

184.0819, 0.3279,
0.3198

 4.8029, 0.3636,
0.2986

225.7236, 0.3269,
0.3204

 2.1321, 0.3792,
0.2894

273.2144, 0.3260,

 0.6826, 0.4121,

0.3210

0.2690

326.9388, 0.3253,
0.3214

0.0000, 0.0000,
0.0000

50.1574, 0.3361,
0.3149

50.1574, 0.3361,
0.3149

41.6167, 0.3536,
0.3064

60.1213, 0.3218,
0.3231

34.4274, 0.3749,
0.2978

71.5624, 0.3101,
0.3308

28.5214, 0.4003,
0.2897

84.5404, 0.3006,
0.3379

23.8222, 0.4301,
0.2830

92.9629, 0.2926,
0.3350

20.2450, 0.4636,
0.2787

93.3380, 0.2894,
0.3289

■ 17.6936, 0.4992,
0.2781

■ 16.0559, 0.5344,
0.2821

■ 15.1778, 0.5658,
0.2907

■ 15.0196, 0.5729,
0.2930

Harmonies

Analogous

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



50.1574, 0.3152, 0.3009



50.1574, 0.3361, 0.3149



50.1574, 0.3509, 0.3327

Triad

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



50.1574, 0.3361, 0.3149



50.1574, 0.3305, 0.3668



50.1574, 0.2721, 0.3058

Complementary

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



50.1574, 0.3361, 0.3149



62.9326, 0.2938, 0.3436

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.



50.1574, 0.2759, 0.3233



50.1574, 0.3361, 0.3149



50.1574, 0.3092, 0.3597

Square

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



50.1574, 0.3361, 0.3149



50.1574, 0.3475, 0.3630



50.1574, 0.2893, 0.3434



50.1574, 0.2786, 0.2952

Rectangle

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



50.1574, 0.3361, 0.3149



50.1574, 0.3550, 0.3447



50.1574, 0.2893, 0.3434



50.1574, 0.2722, 0.3110

Sweetspot

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



50.1596, 0.3361, 0.3149



91.5845, 0.3186, 0.3251



49.6327, 0.3048, 0.2843



19.3593, 0.3195, 0.3246



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.



50.1596, 0.3361, 0.3149



68.3260, 0.3420, 0.3118



52.4978, 0.3450, 0.3373



12.4849, 0.3242, 0.3216



8.9080, 0.5689, 0.2908



0.5521, 0.5195, 0.2635

Inverse Universe

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



50.1596, 0.3361, 0.3149



68.3260, 0.3420, 0.3118



60.0385, 0.2859, 0.3205



12.4849, 0.3242, 0.3216



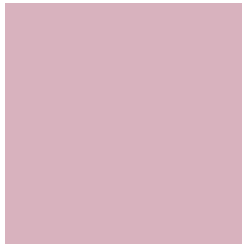
8.9080, 0.5689, 0.2908



0.5521, 0.5195, 0.2635

Previews

White Background



This preview shows how the Yxy color 50.1574, 0.3361, 0.3149 looks on a white background.

Color Contrast Check

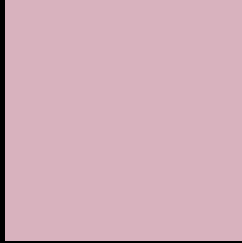
Large Text (above 18pt) WCAG AA × Fail

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 50.1574, 0.3361, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

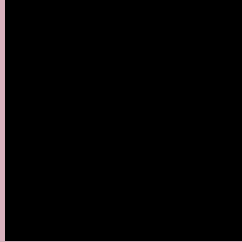
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1574, 0.3361, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 50.1574, 0.3361, 0.3149.



This preview shows how white text looks on a background with the Yxy color 50.1574, 0.3361, 0.3149.

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

50.1574, 0.3361, 0.3149

Protanopia

50.2996, 0.3083, 0.3190

Deuteranopia

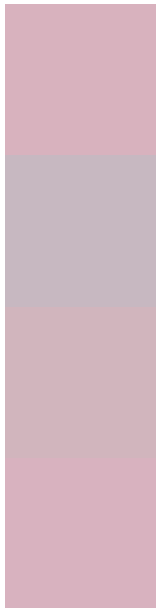
50.1092, 0.3268, 0.3205



Tritanopia

50.2455, 0.3344, 0.3126

Trichromacy



Original Color

50.1574, 0.3361, 0.3149

Protanomaly

50.2733, 0.3183, 0.3180

Deuteranomaly

50.2772, 0.3304, 0.3194

Tritanomaly

50.2013, 0.3353, 0.3138

Monochromacy



Original Color

50.1574, 0.3361, 0.3149

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.1588, 0.3205, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1574, 0.3361, 0.3149 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(216, 178, 190)` looks like.

```
.text, #text, p{  
    color:rgb(216, 178, 190)  
}
```

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(216, 178, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 178, 190) }
```

Border

The CSS property to change the border of an element to Yxy 50.1574, 0.3361, 0.3149 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(216, 178, 190) }
```

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

```
.border{ border-color:rgb(216, 178, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 178, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 178, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 178, 190);  
box-shadow:4px 4px 4px 4px rgb(216, 178,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1574, 0.3361, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 178, 190) }
```

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

```
.background{ background-color: rgb(216,  
178, 190) }
```

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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