

Converting Colors

$Yxy(42.5201, 0.3477, 0.3105)$

Have a look what the booklet for
Yxy(42.5201, 0.3477, 0.3105)
contains.

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Color

Yxy(42.6214, 0.3481, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	D4A1B0
RGB	212, 161, 176
RGB Percent	83%, 63%, 69%
CMY	0.1685, 0.3686, 0.3099
CMYK	0.00, 0.24, 0.17, 0.17
HSL	342°, 37%, 73%
HSV	342°, 24%, 83%
XYZ	47.7365, 42.6214, 46.7766
YIQ	177.9590, 25.5810, 15.4770

Conversions

Conversions Part 2

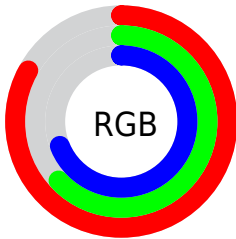
Format	Color
R _Y B	212, 161, 176
Decimal	13935024
CIE Lab	71.30, 21.16, -0.40
CIE LCh	71, 21.165, 358.923
Yxy	42.6214, 0.3481, 0.3108
Android (android.graphics.Color)	4292125104 (0xFFD4A1B0)
YUV	177.9590, -0.9658, 29.8540
Hunter-Lab	65.2851, 16.2705, 3.2184

Details

The Yxy color **42.6214, 0.3481, 0.3108** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.7088, 0.2865, 0.3481**, and the grayscale version is **44.4945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1979, 0.3302, 0.3131**, and **19.5606, 0.3584, 0.3047** is the 20% darker color. If you saturate the color by 10%, you get **35.2704, 0.3687, 0.3028**, and if you desaturate by 10%, it is **51.2981, 0.3313, 0.3187**.

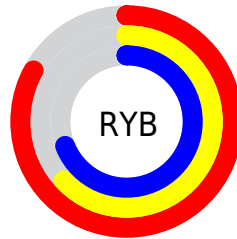
Distribution



Red (83%)

Green (63%)

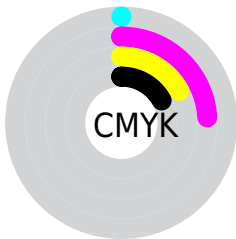
Blue (69%)



Red (83%)

Yellow (63%)

Blue (69%)

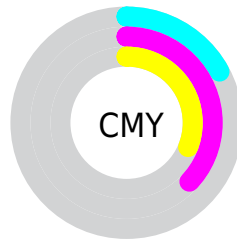


Cyan (0%)

Magenta (24%)

Yellow (17%)

Black (17%)



Cyan (17%)


Magenta (37%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6214, 0.3481, 0.3108 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 42.6214, 0.3481, 0.3108 by changing the saturation by 10% instead.


 42.6214, 0.3481,
0.3108


 42.6214, 0.3481,
0.3108


357.0525, 0.3302,
0.3200

 29.5882, 0.3527,
0.3085


 79.1392, 0.3415,
0.3142

 19.5262, 0.3586,
0.3054


 103.3926, 0.3391,
0.3154

 12.0511, 0.3665,
0.3014


132.1548, 0.3370,
0.3165

 6.7785, 0.3778,
0.2956

165.8103, 0.3352,
0.3174

 3.3240, 0.3951,
0.2868

204.7434, 0.3337,
0.3182

 1.3031, 0.4245,
0.2719

249.3385, 0.3324,

 0.1436, 0.6658,

0.3189

0.1464

299.9801, 0.3312,
0.3195

0.0000, 0.0000,
0.0000

42.6214, 0.3481,
0.3108

42.6214, 0.3481,
0.3108

35.2704, 0.3687,
0.3028

51.2981, 0.3313,
0.3187

29.1739, 0.3935,
0.2951

61.3557, 0.3175,
0.3261

24.2626, 0.4228,
0.2884

72.8530, 0.3064,
0.3331

20.4583, 0.4563,
0.2836

85.8441, 0.2973,
0.3394

17.6734, 0.4927,
0.2820

92.4768, 0.2893,
0.3332

■ 15.8064, 0.5294,
0.2845

■ 92.7407, 0.2872,
0.3289

■ 14.7349, 0.5631,
0.2917

■ 14.3515, 0.5807,
0.2973

Harmonies

Analogous

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



42.6214, 0.3184, 0.2909



42.6214, 0.3481, 0.3108



42.6214, 0.3685, 0.3356

Triad

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



42.6214, 0.3481, 0.3108



42.6214, 0.3353, 0.3833



42.6214, 0.2558, 0.2940

Complementary

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



42.6214, 0.3481, 0.3108



58.7088, 0.2865, 0.3481

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.



42.6214, 0.2599, 0.3181



42.6214, 0.3481, 0.3108



42.6214, 0.3049, 0.3720

Square

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



42.6214, 0.3481, 0.3108



42.6214, 0.3605, 0.3781



42.6214, 0.2775, 0.3473



42.6214, 0.2659, 0.2807

Rectangle

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



42.6214, 0.3481, 0.3108



42.6214, 0.3735, 0.3524



42.6214, 0.2775, 0.3473



42.6214, 0.2555, 0.3010

Sweetspot

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



42.6233, 0.3481, 0.3108



88.3497, 0.3214, 0.3239



42.0754, 0.3020, 0.2670



18.7064, 0.3222, 0.3235



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.



42.6233, 0.3481, 0.3108



58.6290, 0.3584, 0.3066



45.7761, 0.3597, 0.3417



12.4802, 0.3245, 0.3222



8.8730, 0.5771, 0.2953



0.5496, 0.5272, 0.2678

Inverse Universe

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



42.6233, 0.3481, 0.3108



58.6290, 0.3584, 0.3066



54.4876, 0.2764, 0.3159



12.4802, 0.3245, 0.3222



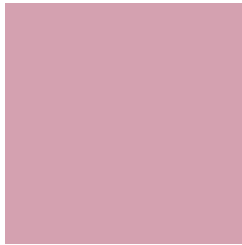
8.8730, 0.5771, 0.2953



0.5496, 0.5272, 0.2678

Previews

White Background



This preview shows how the Yxy color 42.6214, 0.3481, 0.3108 looks on a white background.

Color Contrast Check

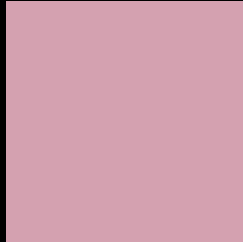
Large Text (above 18pt) WCAG AA × Fail

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 42.6214, 0.3481, 0.3108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

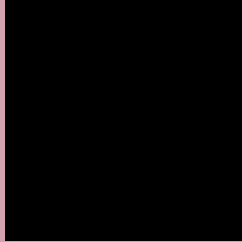
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6214, 0.3481, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 42.6214, 0.3481, 0.3108.



This preview shows how white text looks on a background with the Yxy color 42.6214, 0.3481, 0.3108.

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

42.6214, 0.3481, 0.3108

Protanopia

42.8468, 0.3055, 0.3156

Deuteranopia

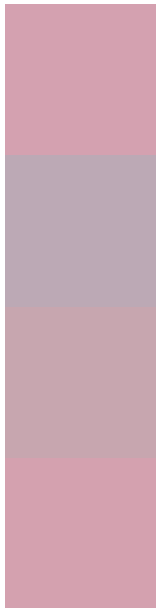
42.6384, 0.3296, 0.3226



Tritanopia

42.5428, 0.3500, 0.3132

Trichromacy



Original Color

42.6214, 0.3481, 0.3108

Protanomaly

42.4035, 0.3198, 0.3134

Deuteranomaly

42.5097, 0.3357, 0.3176

Tritanomaly

42.5819, 0.3490, 0.3120

Monochromacy



Original Color

42.6214, 0.3481, 0.3108

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.6265, 0.3248, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6214, 0.3481, 0.3108 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(212, 161, 176)` looks like.

```
.text, #text, p{  
    color:rgb(212, 161, 176)  
}
```

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(212, 161, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 161, 176) }
```

Border

The CSS property to change the border of an element to Yxy 42.6214, 0.3481, 0.3108 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(212, 161, 176) }
```

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

```
.border{ border-color:rgb(212, 161, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 161, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 161, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 161, 176);  
box-shadow:4px 4px 4px 4px rgb(212, 161,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6214, 0.3481, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 161, 176) }
```

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

```
.background{ background-color: rgb(212,  
161, 176) }
```

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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