

Converting Colors

$Yxy(49.9232, 0.3404, 0.3260)$

Have a look what the booklet for
Yxy(49.9232, 0.3404, 0.3260)
contains.

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Color

Yxy(49.7637, 0.3401, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	D5B3B6
RGB	213, 179, 182
RGB Percent	84%, 70%, 71%
CMY	0.1649, 0.2980, 0.2862
CMYK	0.00, 0.16, 0.15, 0.16
HSL	355°, 29%, 77%
HSV	355°, 16%, 84%
XYZ	51.9958, 49.7637, 51.1244
YIQ	189.5080, 19.3010, 8.1410

Conversions

Conversions Part 2

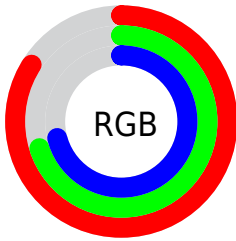
Format	Color
R _Y B	213, 179, 182
Decimal	14005174
CIE Lab	75.92, 12.70, 3.04
CIE LCh	76, 13.063, 13.464
Yxy	49.7637, 0.3401, 0.3255
Android (android.graphics.Color)	4292195254 (0xFFD5B3B6)
YUV	189.5080, -3.7014, 20.6025
Hunter-Lab	70.5434, 8.1170, 6.4116

Details

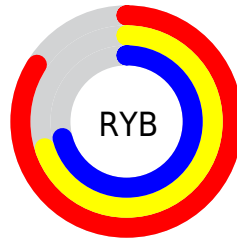
The Yxy color $49.7637, 0.3401, 0.3255$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $61.8059, 0.2906, 0.3326$, and the grayscale version is $51.2078, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.8497, 0.3243, 0.3261$, and $23.7758, 0.3482, 0.3243$ is the 20% darker color. If you saturate the color by 10%, you get $41.1292, 0.3629, 0.3232$, and if you desaturate by 10%, it is $59.8323, 0.3218, 0.3277$.

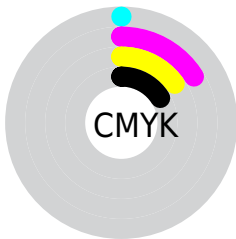
Distribution



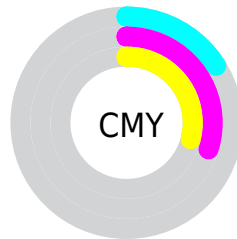
- Red (84%)
- Green (70%)
- Blue (71%)



- Red (84%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (16%)




- Cyan (16%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.7637, 0.3401, 0.3255 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 49.7637, 0.3401, 0.3255 by changing the saturation by 10% instead.


 49.7637, 0.3401,
0.3255

 49.7637, 0.3401,
0.3255


385.7411, 0.3265,
0.3273

 35.2257, 0.3435,
0.3250


 89.8247, 0.3352,
0.3262

 23.8368, 0.3478,
0.3244


116.1164, 0.3333,
0.3264

 15.2126, 0.3535,
0.3235


147.0948, 0.3318,
0.3267

 8.9687, 0.3615,
0.3222

183.1443, 0.3304,
0.3268

 4.7208, 0.3732,
0.3203

224.6493, 0.3292,
0.3270

 2.0844, 0.3924,
0.3168

271.9942, 0.3282,

 0.6558, 0.4474,

0.3271

0.3132

325.5633, 0.3273,
0.3272

0.0000, 0.0000,
0.0000

49.7637, 0.3401,
0.3255

49.7637, 0.3401,
0.3255

41.1292, 0.3629,
0.3232

59.8323, 0.3218,
0.3277

33.8574, 0.3910,
0.3208

71.3891, 0.3071,
0.3298

27.8804, 0.4252,
0.3187

84.4934, 0.2953,
0.3317

23.1224, 0.4654,
0.3171

92.8801, 0.2877,
0.3289

19.4993, 0.5100,
0.3166

■ 16.9164, 0.5553,
0.3175

■ 15.2637, 0.5952,
0.3201

■ 14.4054, 0.6234,
0.3240

■ 14.1862, 0.6314,
0.3252

Harmonies

Analogous

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



49.7637, 0.3250, 0.3115



49.7637, 0.3401, 0.3255



49.7637, 0.3477, 0.3408

Triad

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



49.7637, 0.3401, 0.3255



49.7637, 0.3178, 0.3581



49.7637, 0.2807, 0.3038

Complementary

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



49.7637, 0.3401, 0.3255



61.8059, 0.2906, 0.3326

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.



49.7637, 0.2789, 0.3156



49.7637, 0.3401, 0.3255



49.7637, 0.3000, 0.3476

Square

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



49.7637, 0.3401, 0.3255



49.7637, 0.3345, 0.3602



49.7637, 0.2859, 0.3317



49.7637, 0.2908, 0.2990

Rectangle

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



49.7637, 0.3401, 0.3255



49.7637, 0.3474, 0.3498



49.7637, 0.2859, 0.3317



49.7637, 0.2791, 0.3070

Sweetspot

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



49.7659, 0.3401, 0.3255



91.4068, 0.3204, 0.3279



50.6881, 0.3117, 0.2895



19.3162, 0.3215, 0.3278



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.



49.7659, 0.3401, 0.3255



70.3618, 0.3470, 0.3247



55.3570, 0.3401, 0.3452



12.4384, 0.3277, 0.3270



8.6757, 0.6295, 0.3242



0.5296, 0.6003, 0.3081

Inverse Universe

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



49.7659, 0.3401, 0.3255



70.3618, 0.3470, 0.3247



55.4117, 0.2880, 0.3123



12.4384, 0.3277, 0.3270



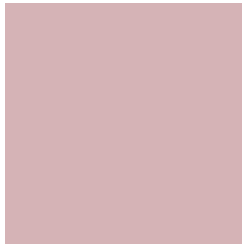
8.6757, 0.6295, 0.3242



0.5296, 0.6003, 0.3081

Previews

White Background



This preview shows how the Yxy color 49.7637, 0.3401, 0.3255 looks on a white background.

Color Contrast Check

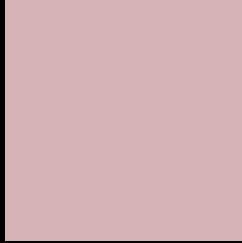
Large Text (above 18pt) WCAG AA × Fail

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 49.7637, 0.3401, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

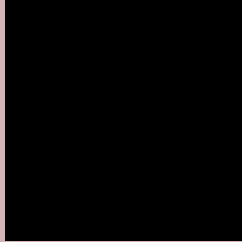
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.7637, 0.3401, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 49.7637, 0.3401, 0.3255.



This preview shows how white text looks on a background with the Yxy color 49.7637, 0.3401, 0.3255.

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

49.7637, 0.3401, 0.3255

Protanopia

49.7393, 0.3169, 0.3290

Deuteranopia

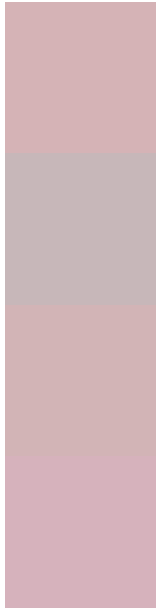
49.8350, 0.3354, 0.3279



Tritanopia

49.8985, 0.3335, 0.3137

Trichromacy



Original Color

49.7637, 0.3401, 0.3255

Protanomaly

49.5119, 0.3248, 0.3266

Deuteranomaly

49.7216, 0.3373, 0.3267

Tritanomaly

49.7678, 0.3361, 0.3172

Monochromacy



Original Color

49.7637, 0.3401, 0.3255

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.7114, 0.3220, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7637, 0.3401, 0.3255 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(213, 179, 182)` looks like.

```
.text, #text, p{  
    color:rgb(213, 179, 182)  
}
```

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(213, 179, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 179, 182) }
```

Border

The CSS property to change the border of an element to Yxy 49.7637, 0.3401, 0.3255 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(213, 179, 182) }
```

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

```
.border{ border-color:rgb(213, 179, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 179, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 179, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 179, 182);  
box-shadow:4px 4px 4px 4px rgb(213, 179,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7637, 0.3401, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 179, 182) }
```

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

```
.background{ background-color: rgb(213,  
179, 182) }
```

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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