

Converting Colors

$Yxy(45.4207, 0.3642, 0.3246)$

Have a look what the booklet for
Yxy(45.4207, 0.3642, 0.3246)
contains.

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Color

Yxy(45.4628, 0.3643, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	DFA5A9
RGB	223, 165, 169
RGB Percent	87%, 65%, 66%
CMY	0.1254, 0.3530, 0.3372
CMYK	0.00, 0.26, 0.24, 0.13
HSL	356°, 48%, 76%
HSV	356°, 26%, 87%
XYZ	51.0546, 45.4628, 43.6269
YIQ	182.7980, 33.2840, 13.5400

Conversions

Conversions Part 2

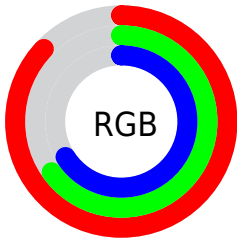
Format	Color
R _Y B	223, 165, 169
Decimal	14656937
CIE Lab	73.20, 21.98, 6.34
CIE LCh	73, 22.878, 16.092
Yxy	45.4628, 0.3643, 0.3244
Android (android.graphics.Color)	4292847017 (0xFFDFA5A9)
YUV	182.7980, -6.8024, 35.2572
Hunter-Lab	67.4261, 17.1632, 8.8357

Details

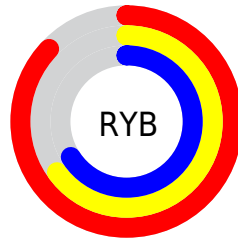
The Yxy color **45.4628, 0.3643, 0.3244** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.9019, 0.2770, 0.3338**, and the grayscale version is **47.2639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8282, 0.3353, 0.3251**, and **21.3101, 0.3797, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **37.3904, 0.3932, 0.3226**, and if you desaturate by 10%, it is **55.0660, 0.3409, 0.3262**.

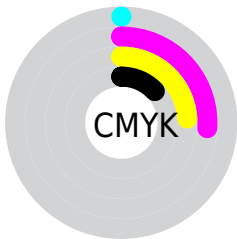
Distribution



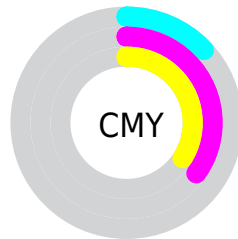
- Red (87%)
- Green (65%)
- Blue (66%)



- Red (87%)
- Yellow (65%)
- Blue (66%)



- Cyan (0%)
- Magenta (26%)
- Yellow (24%)
- Black (13%)





- Cyan (13%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4628, 0.3643, 0.3244 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 45.4628, 0.3643, 0.3244 by changing the saturation by 10% instead.

 45.4628, 0.3643,
0.3244


 45.4628, 0.3643,
0.3244


368.6447, 0.3382,
0.3271

 31.8221, 0.3709,
0.3236


 83.4145, 0.3548,
0.3255

 21.2257, 0.3794,
0.3225


 108.4942, 0.3512,
0.3259

 13.2891, 0.3908,
0.3209

138.1558, 0.3482,
0.3262

 7.6279, 0.4069,
0.3185

172.7836, 0.3456,
0.3264

 3.8578, 0.4311,
0.3143

212.7620, 0.3434,
0.3266

 1.5943, 0.4715,
0.3060

258.4753, 0.3414,

 0.3538, 0.7117,

0.3268

0.2883

310.3081, 0.3397,
0.3270

0.0000, 0.0000,
0.0000

45.4628, 0.3643,
0.3244

45.4628, 0.3643,
0.3244

37.3904, 0.3932,
0.3226

55.0660, 0.3409,
0.3262

30.7639, 0.4284,
0.3209

66.2666, 0.3222,
0.3280

25.4995, 0.4697,
0.3198

79.1350, 0.3071,
0.3296

21.5027, 0.5153,
0.3194

93.7357, 0.2951,
0.3311

18.6665, 0.5610,
0.3203

94.4319, 0.2935,
0.3289

■ 16.8667, 0.6004,
0.3225

■ 15.9494, 0.6270,
0.3258

■ 15.7277, 0.6340,
0.3266

Harmonies

Analogous

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



45.4628, 0.3373, 0.2999



45.4628, 0.3643, 0.3244



45.4628, 0.3768, 0.3511

Triad

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



45.4628, 0.3643, 0.3244



45.4628, 0.3182, 0.3819



45.4628, 0.2570, 0.2823

Complementary

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



45.4628, 0.3643, 0.3244



65.9019, 0.2770, 0.3338

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.



45.4628, 0.2526, 0.3016



45.4628, 0.3643, 0.3244



45.4628, 0.2869, 0.3608

Square

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



45.4628, 0.3643, 0.3244



45.4628, 0.3492, 0.3861



45.4628, 0.2633, 0.3305



45.4628, 0.2755, 0.2759

Rectangle

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



45.4628, 0.3643, 0.3244



45.4628, 0.3749, 0.3672



45.4628, 0.2633, 0.3305



45.4628, 0.2539, 0.2874

Sweetspot

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



45.4649, 0.3643, 0.3244



86.5048, 0.3257, 0.3277



47.1715, 0.3116, 0.2637



18.0075, 0.3284, 0.3274



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.



45.4649, 0.3643, 0.3244



55.6448, 0.3786, 0.3234



54.8780, 0.3611, 0.3573



13.7159, 0.3281, 0.3274



9.2513, 0.6323, 0.3257



0.6467, 0.6109, 0.3139

Inverse Universe

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



45.4649, 0.3643, 0.3244



55.6448, 0.3786, 0.3234



54.1033, 0.2720, 0.2989



13.7159, 0.3281, 0.3274



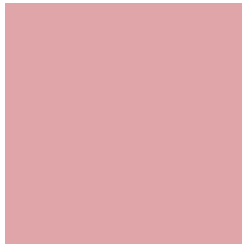
9.2513, 0.6323, 0.3257



0.6467, 0.6109, 0.3139

Previews

White Background



This preview shows how the Yxy color 45.4628, 0.3643, 0.3244 looks on a white background.

Color Contrast Check

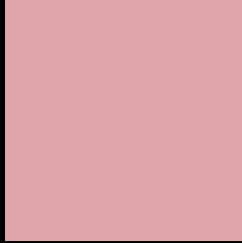
Large Text (above 18pt) WCAG AA × Fail

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 45.4628, 0.3643, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

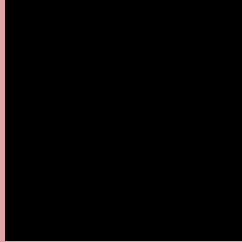
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4628, 0.3643, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 45.4628, 0.3643, 0.3244.



This preview shows how white text looks on a background with the Yxy color 45.4628, 0.3643, 0.3244.

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

45.4628, 0.3643, 0.3244

Protanopia

45.6049, 0.3187, 0.3316

Deuteranopia

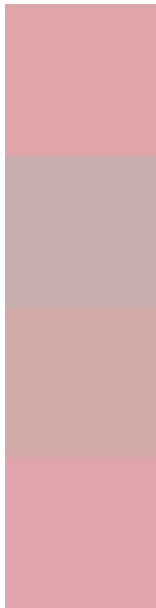
45.6187, 0.3442, 0.3379



Tritanopia

45.5328, 0.3588, 0.3151

Trichromacy



Original Color

45.4628, 0.3643, 0.3244

Protanomaly

45.3339, 0.3344, 0.3291

Deuteranomaly

45.6546, 0.3514, 0.3328

Tritanomaly

45.4153, 0.3617, 0.3186

Monochromacy



Original Color

45.4628, 0.3643, 0.3244

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.2708, 0.3306, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4628, 0.3643, 0.3244 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(223, 165, 169)` looks like.

```
.text, #text, p{  
    color:rgb(223, 165, 169)  
}
```

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(223, 165, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 165, 169) }
```

Border

The CSS property to change the border of an element to Yxy 45.4628, 0.3643, 0.3244 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(223, 165, 169) }
```

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

```
.border{ border-color:rgb(223, 165, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 165, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 165, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 165, 169);  
box-shadow:4px 4px 4px 4px rgb(223, 165,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4628, 0.3643, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 165, 169) }
```

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

```
.background{ background-color: rgb(223,  
165, 169) }
```

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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