

Converting Colors

$Yxy(43.8424, 0.3554, 0.3233)$

Have a look what the booklet for
Yxy(43.8424, 0.3554, 0.3233)
contains.

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Color

Yxy(43.7116, 0.3560, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	D6A4A9
RGB	214, 164, 169
RGB Percent	84%, 64%, 66%
CMY	0.1606, 0.3569, 0.3372
CMYK	0.00, 0.23, 0.21, 0.16
HSL	354°, 38%, 74%
HSV	354°, 23%, 84%
XYZ	48.1775, 43.7116, 43.4409
YIQ	179.5200, 28.1950, 12.1550

Conversions

Conversions Part 2

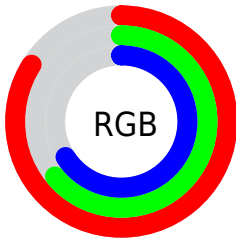
Format	Color
R _Y B	214, 164, 169
Decimal	14066857
CIE Lab	72.04, 19.20, 4.55
CIE LCh	72, 19.732, 13.333
Yxy	43.7116, 0.3560, 0.3230
Android (android.graphics.Color)	4292256937 (0xFFD6A4A9)
YUV	179.5200, -5.1864, 30.2390
Hunter-Lab	66.1147, 14.3713, 7.3236

Details

The Yxy color **43.7116, 0.3560, 0.3230** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.6073, 0.2813, 0.3352**, and the grayscale version is **45.3908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3049, 0.3355, 0.3241**, and **20.1418, 0.3682, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **36.0165, 0.3823, 0.3203**, and if you desaturate by 10%, it is **52.8064, 0.3348, 0.3257**.

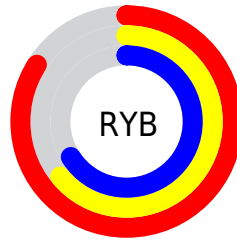
Distribution



Red (84%)

Green (64%)

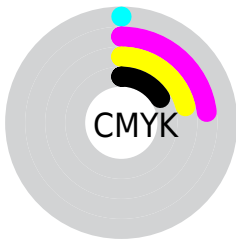
Blue (66%)



Red (84%)

Yellow (64%)

Blue (66%)

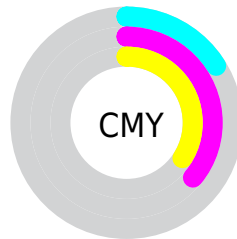


Cyan (0%)

Magenta (23%)

Yellow (21%)

Black (16%)



Cyan (16%)


Magenta (36%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7116, 0.3560, 0.3230 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 43.7116, 0.3560, 0.3230 by changing the saturation by 10% instead.


 43.7116, 0.3560,
0.3230


 43.7116, 0.3560,
0.3230

361.5301, 0.3340,
0.3263

 30.4438, 0.3616,
0.3221


 80.7836, 0.3479,
0.3243

 20.1757, 0.3689,
0.3209


 105.3566, 0.3449,
0.3247

 12.5228, 0.3787,
0.3191


134.4669, 0.3424,
0.3251

 7.1008, 0.3926,
0.3165

168.4987, 0.3402,
0.3254

 3.5252, 0.4137,
0.3122

207.8366, 0.3383,
0.3257

 1.4117, 0.4498,
0.3041

252.8648, 0.3367,

 0.2253, 0.7519,

0.3259

0.2481

303.9679, 0.3353,
0.3261

0.0000, 0.0000,
0.0000

43.7116, 0.3560,
0.3230

43.7116, 0.3560,
0.3230

36.0165, 0.3823,
0.3203

52.8064, 0.3348,
0.3257

29.6458, 0.4144,
0.3178

63.3591, 0.3177,
0.3282

24.5267, 0.4526,
0.3157

75.4321, 0.3040,
0.3305

20.5764, 0.4959,
0.3147

89.0823, 0.2929,
0.3326

17.7027, 0.5411,
0.3151

93.0418, 0.2883,
0.3289

■ 15.7990, 0.5831,
0.3175

■ 14.7371, 0.6153,
0.3216

■ 14.3578, 0.6297,
0.3243

Harmonies

Analogous

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



43.7116, 0.3317, 0.3017



43.7116, 0.3560, 0.3230



43.7116, 0.3683, 0.3466

Triad

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



43.7116, 0.3560, 0.3230



43.7116, 0.3203, 0.3759



43.7116, 0.2628, 0.2893

Complementary

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



43.7116, 0.3560, 0.3230



60.6073, 0.2813, 0.3352

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.



43.7116, 0.2602, 0.3073



43.7116, 0.3560, 0.3230



43.7116, 0.2926, 0.3588

Square

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



43.7116, 0.3560, 0.3230



43.7116, 0.3469, 0.3784



43.7116, 0.2708, 0.3330



43.7116, 0.2781, 0.2824

Rectangle

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



43.7116, 0.3560, 0.3230



43.7116, 0.3677, 0.3610



43.7116, 0.2708, 0.3330



43.7116, 0.2605, 0.2942

Sweetspot

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



43.7136, 0.3560, 0.3230



88.1439, 0.3236, 0.3273



44.8423, 0.3103, 0.2703



18.6589, 0.3246, 0.3271



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.



43.7136, 0.3560, 0.3230



59.1266, 0.3682, 0.3217



50.9204, 0.3556, 0.3522



12.4409, 0.3275, 0.3267



8.6821, 0.6276, 0.3231



0.5307, 0.5953, 0.3053

Inverse Universe

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



43.7136, 0.3560, 0.3230



59.1266, 0.3682, 0.3217



51.7121, 0.2764, 0.3046



12.4409, 0.3275, 0.3267



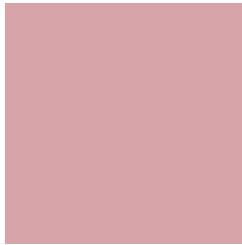
8.6821, 0.6276, 0.3231



0.5307, 0.5953, 0.3053

Previews

White Background



This preview shows how the Yxy color 43.7116, 0.3560, 0.3230 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 43.7116, 0.3560, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

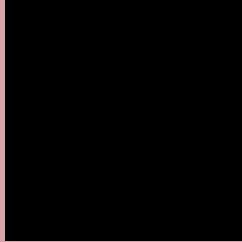
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7116, 0.3560, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 43.7116, 0.3560, 0.3230.



This preview shows how white text looks on a background with the Yxy color 43.7116, 0.3560, 0.3230.

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

43.7116, 0.3560, 0.3230

Protanopia

43.8886, 0.3162, 0.3290

Deuteranopia

43.8233, 0.3393, 0.3329



Tritanopia

43.7760, 0.3505, 0.3134

Trichromacy



Original Color

43.7116, 0.3560, 0.3230

Protanomaly

43.7286, 0.3300, 0.3278

Deuteranomaly

43.5289, 0.3455, 0.3291

Tritanomaly

43.6586, 0.3534, 0.3170

Monochromacy



Original Color

43.7116, 0.3560, 0.3230

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.6132, 0.3272, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7116, 0.3560, 0.3230 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(214, 164, 169)` looks like.

```
.text, #text, p{  
    color:rgb(214, 164, 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(214, 164, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 164, 169) }
```

Border

The CSS property to change the border of an element to Yxy 43.7116, 0.3560, 0.3230 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(214, 164, 169) }
```

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

```
.border{ border-color:rgb(214, 164, 169) }
```

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

Here you see how a box with a 4 pixel rgb(214, 164, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 164, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 164, 169);  
box-shadow:4px 4px 4px 4px rgb(214, 164,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7116, 0.3560, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 164, 169) }
```

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

```
.background{ background-color: rgb(214,  
164, 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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