

Converting Colors

$Yxy(44.1460, 0.3598, 0.3271)$

Have a look what the booklet for
Yxy(44.1460, 0.3598, 0.3271)
contains.

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Color

Yxy(44.2624, 0.3605, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D8A5A6
RGB	216, 165, 166
RGB Percent	85%, 65%, 65%
CMY	0.1529, 0.3530, 0.3490
CMYK	0.00, 0.24, 0.23, 0.15
HSL	359°, 40%, 75%
HSV	359°, 24%, 85%
XYZ	48.6630, 44.2624, 42.0621
YIQ	180.3630, 30.0750, 11.1230

Conversions

Conversions Part 2

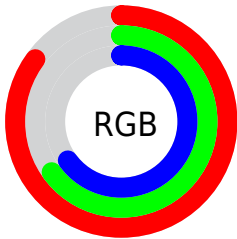
Format	Color
R _Y B	216, 165, 166
Decimal	14198182
CIE Lab	72.40, 18.95, 6.76
CIE LCh	72, 20.117, 19.635
Yxy	44.2624, 0.3605, 0.3279
Android (android.graphics.Color)	4292388262 (0xFFD8A5A6)
YUV	180.3630, -7.0810, 31.2536
Hunter-Lab	66.5300, 14.1353, 9.0862

Details

The Yxy color **44.2624, 0.3605, 0.3279** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.0286, 0.2786, 0.3302**, and the grayscale version is **45.8759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6669, 0.3374, 0.3281**, and **20.4987, 0.3746, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **36.4049, 0.3895, 0.3274**, and if you desaturate by 10%, it is **53.5680, 0.3372, 0.3284**.

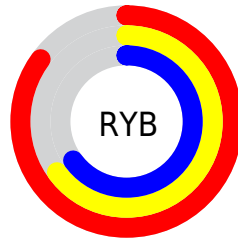
Distribution



Red (85%)

Green (65%)

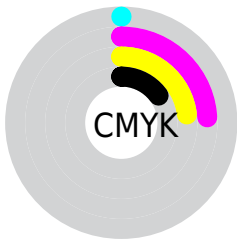
Blue (65%)



Red (85%)

Yellow (65%)

Blue (65%)

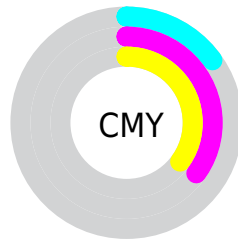


Cyan (0%)

Magenta (24%)

Yellow (23%)

Black (15%)



Cyan (15%)


Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2624, 0.3605, 0.3279 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 44.2624, 0.3605, 0.3279 by changing the saturation by 10% instead.


 44.2624, 0.3605,
0.3279

 44.2624, 0.3605,
0.3279

363.7780, 0.3362,
0.3288

 30.8769, 0.3667,
0.3275

 81.6124, 0.3516,
0.3283

 20.5051, 0.3747,
0.3270


 106.3457, 0.3483,
0.3285

 12.7627, 0.3855,
0.3262


135.6304, 0.3455,
0.3286

 7.2654, 0.4007,
0.3248

169.8508, 0.3431,
0.3286

 3.6286, 0.4239,
0.3222

209.3914, 0.3410,
0.3287

 1.4681, 0.4630,
0.3164

254.6365, 0.3392,

 0.2661, 0.7289,

0.3288

0.2711

305.9706, 0.3376,
0.3288

0.0000, 0.0000,
0.0000

44.2624, 0.3605,
0.3279

44.2624, 0.3605,
0.3279

36.4049, 0.3895,
0.3274

53.5680, 0.3372,
0.3284

29.9170, 0.4250,
0.3270

64.3829, 0.3185,
0.3288

24.7222, 0.4669,
0.3268

76.7721, 0.3036,
0.3293

20.7339, 0.5136,
0.3267

90.7951, 0.2916,
0.3297

17.8550, 0.5606,
0.3270

93.3424, 0.2894,
0.3289

■ 15.9735, 0.6013,
0.3278

■ 14.9537, 0.6285,
0.3288

■ 14.6119, 0.6383,
0.3290

Harmonies

Analogous

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



44.2624, 0.3379, 0.3054



44.2624, 0.3605, 0.3279



44.2624, 0.3697, 0.3517

Triad

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



44.2624, 0.3605, 0.3279



44.2624, 0.3144, 0.3741



44.2624, 0.2644, 0.2862

Complementary

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



44.2624, 0.3605, 0.3279



62.0286, 0.2786, 0.3302

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.



44.2624, 0.2589, 0.3023



44.2624, 0.3605, 0.3279



44.2624, 0.2869, 0.3542

Square

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



44.2624, 0.3605, 0.3279



44.2624, 0.3422, 0.3799



44.2624, 0.2669, 0.3272



44.2624, 0.2823, 0.2817

Rectangle

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



44.2624, 0.3605, 0.3279



44.2624, 0.3668, 0.3654



44.2624, 0.2669, 0.3272



44.2624, 0.2610, 0.2903

Sweetspot

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



44.2644, 0.3605, 0.3279



88.0594, 0.3245, 0.3287



46.2120, 0.3140, 0.2703



18.6394, 0.3256, 0.3287



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.



44.2644, 0.3605, 0.3279



58.8790, 0.3732, 0.3277



53.6314, 0.3551, 0.3574



12.4248, 0.3288, 0.3286



8.6486, 0.6377, 0.3287



0.5231, 0.6304, 0.3247

Inverse Universe

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



44.2644, 0.3605, 0.3279



58.8790, 0.3732, 0.3277



50.7492, 0.2756, 0.2988



12.4248, 0.3288, 0.3286



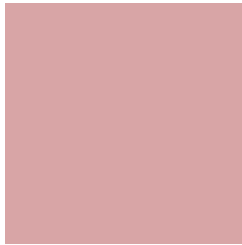
8.6486, 0.6377, 0.3287



0.5231, 0.6304, 0.3247

Previews

White Background



This preview shows how the Yxy color 44.2624, 0.3605, 0.3279 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 44.2624, 0.3605, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

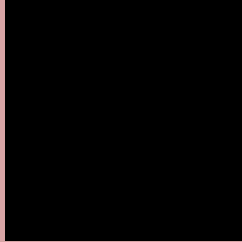
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2624, 0.3605, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 44.2624, 0.3605, 0.3279.



This preview shows how white text looks on a background with the Yxy color 44.2624, 0.3605, 0.3279.

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

44.2624, 0.3605, 0.3279

Protanopia

44.4065, 0.3204, 0.3343

Deuteranopia

44.5010, 0.3445, 0.3380



Tritanopia

44.0807, 0.3524, 0.3135

Trichromacy



Original Color

44.2624, 0.3605, 0.3279

Protanomaly

44.2588, 0.3344, 0.3329

Deuteranomaly

44.2144, 0.3509, 0.3341

Tritanomaly

44.2812, 0.3560, 0.3195

Monochromacy



Original Color

44.2624, 0.3605, 0.3279

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.0925, 0.3288, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2624, 0.3605, 0.3279 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, 165, 166)` looks like.

```
.text, #text, p{  
    color:rgb(216, 165, 166)  
}
```

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, 165, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 165, 166) }
```

Border

The CSS property to change the border of an element to Yxy 44.2624, 0.3605, 0.3279 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, 165, 166) }
```

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

```
.border{ border-color:rgb(216, 165, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 165, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 165, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 165, 166);  
box-shadow:4px 4px 4px 4px rgb(216, 165,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2624, 0.3605, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 165, 166) }
```

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

```
.background{ background-color: rgb(216,  
165, 166) }
```

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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