

Converting Colors

$Yxy(42.4499, 0.3963, 0.3586)$

Have a look what the booklet for
Yxy(42.4499, 0.3963, 0.3586)
contains.

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Color

Yxy(42.2913, 0.3965, 0.3581)

Conversions

Conversions Part 1

Format	Color
Hex	DDA088
RGB	221, 160, 136
RGB Percent	87%, 63%, 53%
CMY	0.1334, 0.3725, 0.4667
CMYK	0.00, 0.28, 0.38, 0.13
HSL	17°, 56%, 70%
HSV	17°, 38%, 87%
XYZ	46.8263, 42.2913, 28.9815
YIQ	175.5030, 44.0600, 5.4680

Conversions

Conversions Part 2

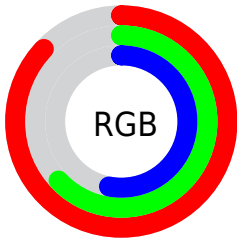
Format	Color
R _Y B	221, 169, 136
Decimal	14524552
CIE Lab	71.07, 19.59, 21.47
CIE LCh	71, 29.067, 47.619
Yxy	42.2913, 0.3965, 0.3581
Android (android.graphics.Color)	4292714632 (0xFFDDA088)
YUV	175.5030, -19.4750, 39.9009
Hunter-Lab	65.0318, 14.7239, 19.0995

Details

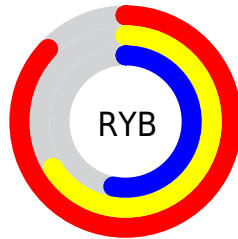
The Yxy color **42.2913, 0.3965, 0.3581** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.3562, 0.2548, 0.2974**, and the grayscale version is **43.2300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5350, 0.3616, 0.3558**, and **19.2895, 0.4218, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **36.5786, 0.4279, 0.3654**, and if you desaturate by 10%, it is **48.8380, 0.3693, 0.3503**.

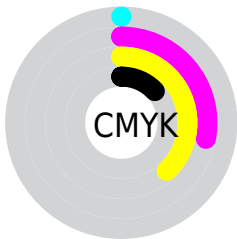
Distribution



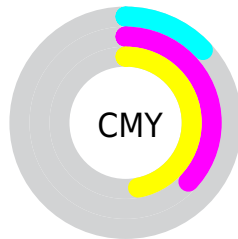
- Red (87%)
- Green (63%)
- Blue (53%)



- Red (87%)
- Yellow (66%)
- Blue (53%)



- Cyan (0%)
- Magenta (28%)
- Yellow (38%)
- Black (13%)




- Cyan (13%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2913, 0.3965, 0.3581 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 42.2913, 0.3965, 0.3581 by changing the saturation by 10% instead.


 42.2913, 0.3965,
0.3581


 42.2913, 0.3965,
0.3581


355.6891, 0.3536,
0.3448

 29.3295, 0.4074,
0.3609


 78.6403, 0.3807,
0.3536

 19.3302, 0.4215,
0.3643


 102.7963, 0.3749,
0.3518

 11.9091, 0.4403,
0.3681


 131.4524, 0.3699,
0.3502

 6.6818, 0.4665,
0.3722

164.9930, 0.3657,
0.3489

 3.2639, 0.5049,
0.3754

203.8026, 0.3620,
0.3477

 1.2710, 0.6022,
0.3978

248.2656, 0.3589,

 0.1186, 0.8329,

0.3466

0.1671

298.7663, 0.3561,
0.3456

■ 0.0000, 0.0000,
0.0000

■ 42.2913, 0.3965,
0.3581

■ 42.2913, 0.3965,
0.3581

■ 36.5786, 0.4279,
0.3654

■ 48.8380, 0.3693,
0.3503

■ 31.6597, 0.4632,
0.3713

■ 56.2450, 0.3462,
0.3425

■ 27.4996, 0.5009,
0.3748

■ 64.5445, 0.3267,
0.3350

■ 24.0585, 0.5385,
0.3747

■ 73.7657, 0.3104,
0.3280

■ 21.2922, 0.5722,
0.3701

■ 83.9360, 0.2967,
0.3215

■ 19.1479, 0.5986,
0.3614

■ 94.1078, 0.2923,
0.3289

■ 18.8667, 0.6022,
0.3600

Harmonies

Analogous

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



42.2913, 0.3814, 0.3241



42.2913, 0.3965, 0.3581



42.2913, 0.3872, 0.3877

Triad

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



42.2913, 0.3965, 0.3581



42.2913, 0.2771, 0.3691



42.2913, 0.2661, 0.2612

Complementary

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



42.2913, 0.3965, 0.3581



50.3562, 0.2548, 0.2974

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.



42.2913, 0.2420, 0.2678



42.2913, 0.3965, 0.3581



42.2913, 0.2478, 0.3282

Square

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



42.2913, 0.3965, 0.3581



42.2913, 0.3170, 0.3981



42.2913, 0.2356, 0.2911



42.2913, 0.3038, 0.2705

Rectangle

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



42.2913, 0.3965, 0.3581



42.2913, 0.3692, 0.4006



42.2913, 0.2356, 0.2911



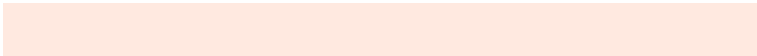
42.2913, 0.2563, 0.2615

Sweetspot

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



42.2933, 0.3965, 0.3581



84.9718, 0.3334, 0.3376



37.0634, 0.3389, 0.2572



17.8614, 0.3359, 0.3386



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.



42.2933, 0.3965, 0.3581



52.1640, 0.4210, 0.3639



58.9844, 0.3781, 0.4042



13.6481, 0.3285, 0.3357



11.1297, 0.5995, 0.3622



0.8659, 0.5671, 0.3879

Inverse Universe

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



50.3562, 0.2548, 0.2974



64.7486, 0.2441, 0.2897



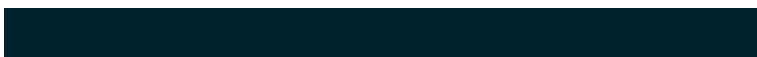
34.1670, 0.2463, 0.2400



14.1747, 0.2982, 0.3222



17.5389, 0.1985, 0.2347



1.2797, 0.2033, 0.2519

Previews

White Background



This preview shows how the Yxy color 42.2913, 0.3965, 0.3581 looks on a white background.

Color Contrast Check

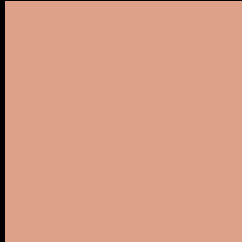
Large Text (above 18pt) WCAG AA × Fail

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 42.2913, 0.3965, 0.3581 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 42.2913, 0.3965, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 42.2913, 0.3965, 0.3581.



This preview shows how white text looks on a background with the Yxy color 42.2913, 0.3965, 0.3581.

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

42.2913, 0.3965, 0.3581

Protanopia

42.5696, 0.3494, 0.3709

Deuteranopia

42.2241, 0.3776, 0.3700



Tritanopia

42.4142, 0.3698, 0.3162

Trichromacy



Original Color

42.2913, 0.3965, 0.3581

Protanomaly

42.2752, 0.3663, 0.3669

Deuteranomaly

42.0018, 0.3848, 0.3655

Tritanomaly

42.2022, 0.3796, 0.3304

Monochromacy



Original Color

42.2913, 0.3965, 0.3581

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.5291, 0.3410, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2913, 0.3965, 0.3581 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(221, 160, 136)` looks like.

```
.text, #text, p{  
    color:rgb(221, 160, 136)  
}
```

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(221, 160, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 160, 136) }
```

Border

The CSS property to change the border of an element to Yxy 42.2913, 0.3965, 0.3581 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(221, 160, 136) }
```

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

```
.border{ border-color:rgb(221, 160, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 160, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 160, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 160, 136);  
box-shadow:4px 4px 4px 4px rgb(221, 160,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2913, 0.3965, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 160, 136) }
```

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

```
.background{ background-color: rgb(221,  
160, 136) }
```

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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