

Converting Colors

$Y_{xy}(42.1875, 0.3910, 0.3522)$

Have a look what the booklet for
Yxy(42.1875, 0.3910, 0.3522)
contains.

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Color

Yxy(42.2803, 0.3906, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	DCA08D
RGB	220, 160, 141
RGB Percent	86%, 63%, 55%
CMY	0.1373, 0.3725, 0.4472
CMYK	0.00, 0.27, 0.36, 0.14
HSL	14°, 53%, 71%
HSV	14°, 36%, 86%
XYZ	46.8901, 42.2803, 30.8759
YIQ	175.7740, 41.8590, 6.8110

Conversions

Conversions Part 2

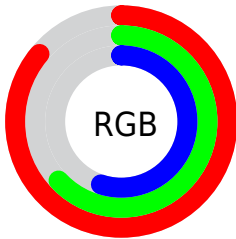
Format	Color
R _{YB}	220, 166, 141
Decimal	14459021
CIE Lab	71.06, 19.80, 18.71
CIE LCh	71, 27.247, 43.378
Yxy	42.2803, 0.3906, 0.3522
Android (android.graphics.Color)	4292649101 (0xFFDCA08D)
YUV	175.7740, -17.1436, 38.7862
Hunter-Lab	65.0233, 14.9304, 17.3628

Details

The Yxy color **42.2803, 0.3906, 0.3522** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.5764, 0.2590, 0.3042**, and the grayscale version is **43.3667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8010, 0.3571, 0.3496**, and **19.2670, 0.4135, 0.3564** is the 20% darker color. If you saturate the color by 10%, you get **36.2850, 0.4221, 0.3586**, and if you desaturate by 10%, it is **49.1873, 0.3637, 0.3455**.

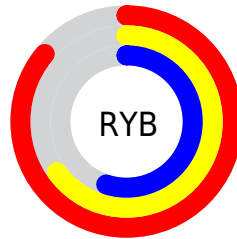
Distribution



Red (86%)

Green (63%)

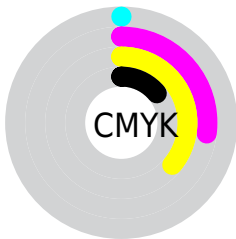
Blue (55%)



Red (86%)

Yellow (65%)

Blue (55%)

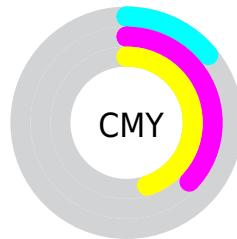


Cyan (0%)

Magenta (27%)

Yellow (36%)

Black (14%)



Cyan (14%)


Magenta (37%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2803, 0.3906, 0.3522 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 42.2803, 0.3906, 0.3522 by changing the saturation by 10% instead.


 42.2803, 0.3906,
0.3522

 42.2803, 0.3906,
0.3522

355.6436, 0.3507,
0.3416


 29.3208, 0.4008,
0.3544


 78.6237, 0.3759,
0.3486

 19.3237, 0.4140,
0.3571


 102.7764, 0.3704,
0.3472

 11.9044, 0.4317,
0.3601


 131.4289, 0.3658,
0.3460

 6.6786, 0.4566,
0.3633

164.9658, 0.3619,
0.3449

 3.2619, 0.4935,
0.3657

203.7712, 0.3585,
0.3439

 1.2700, 0.5987,
0.3935

248.2298, 0.3556,

 0.1178, 0.8349,

0.3431

0.1651

298.7258, 0.3530,
0.3423

0.0000, 0.0000,
0.0000

42.2803, 0.3906,
0.3522

42.2803, 0.3906,
0.3522

36.2850, 0.4221,
0.3586

49.1873, 0.3637,
0.3455

31.1568, 0.4580,
0.3639

57.0362, 0.3412,
0.3388

26.8563, 0.4971,
0.3673

65.8630, 0.3223,
0.3325

23.3387, 0.5368,
0.3675

75.7002, 0.3067,
0.3267

20.5545, 0.5732,
0.3639

86.5786, 0.2936,
0.3213

■ 18.4476, 0.6018,
0.3562

■ 93.9545, 0.2917,
0.3289

■ 17.7620, 0.6114,
0.3527

Harmonies

Analogous

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



42.2803, 0.3734, 0.3201



42.2803, 0.3906, 0.3522



42.2803, 0.3852, 0.3810

Triad

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



42.2803, 0.3906, 0.3522



42.2803, 0.2842, 0.3713



42.2803, 0.2648, 0.2651

Complementary

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



42.2803, 0.3906, 0.3522



52.5764, 0.2590, 0.3042

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.



42.2803, 0.2442, 0.2737



42.2803, 0.3906, 0.3522



42.2803, 0.2548, 0.3339

Square

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



42.2803, 0.3906, 0.3522



42.2803, 0.3226, 0.3957



42.2803, 0.2406, 0.2979



42.2803, 0.2990, 0.2718

Rectangle

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



42.2803, 0.3906, 0.3522



42.2803, 0.3700, 0.3943



42.2803, 0.2406, 0.2979



42.2803, 0.2562, 0.2662

Sweetspot

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



42.2823, 0.3906, 0.3522



85.4837, 0.3316, 0.3357



38.4980, 0.3342, 0.2592



17.9396, 0.3343, 0.3366



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.



42.2823, 0.3906, 0.3522



52.7342, 0.4136, 0.3570



57.9464, 0.3744, 0.3965



13.5585, 0.3286, 0.3347



10.5707, 0.6089, 0.3548



0.8193, 0.5767, 0.3803

Inverse Universe

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



52.5764, 0.2590, 0.3042



69.0760, 0.2490, 0.2982



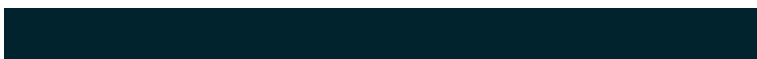
36.6821, 0.2516, 0.2506



14.2701, 0.2982, 0.3232



19.4305, 0.2027, 0.2495



1.3891, 0.2067, 0.2640

Previews

White Background



This preview shows how the Yxy color 42.2803, 0.3906, 0.3522 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 42.2803, 0.3906, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

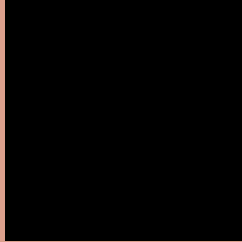
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2803, 0.3906, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 42.2803, 0.3906, 0.3522.



This preview shows how white text looks on a background with the Yxy color 42.2803, 0.3906, 0.3522.

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

42.2803, 0.3906, 0.3522

Protanopia

42.4775, 0.3432, 0.3643

Deuteranopia

42.2274, 0.3719, 0.3637



Tritanopia

42.2921, 0.3678, 0.3149

Trichromacy



Original Color

42.2803, 0.3906, 0.3522

Protanomaly

42.1560, 0.3597, 0.3605

Deuteranomaly

41.9997, 0.3790, 0.3593

Tritanomaly

42.1122, 0.3766, 0.3280

Monochromacy



Original Color

42.2803, 0.3906, 0.3522

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.6003, 0.3392, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2803, 0.3906, 0.3522 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(220, 160, 141)` looks like.

```
.text, #text, p{  
    color:rgb(220, 160, 141)  
}
```

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(220, 160, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 160, 141) }
```

Border

The CSS property to change the border of an element to Yxy 42.2803, 0.3906, 0.3522 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(220, 160, 141) }
```

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

```
.border{ border-color:rgb(220, 160, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 160, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 160, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 160, 141);  
box-shadow:4px 4px 4px 4px rgb(220, 160,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2803, 0.3906, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 160, 141) }
```

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

```
.background{ background-color: rgb(220,  
160, 141) }
```

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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