

Converting Colors

$Yxy(42.8081, 0.3946, 0.3669)$

Have a look what the booklet for
Yxy(42.8081, 0.3946, 0.3669)
contains.

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Color

Yxy(42.6120, 0.3951, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	D9A384
RGB	217, 163, 132
RGB Percent	85%, 64%, 52%
CMY	0.1489, 0.3608, 0.4823
CMYK	0.00, 0.25, 0.39, 0.15
HSL	22°, 53%, 68%
HSV	22°, 39%, 85%
XYZ	45.8872, 42.6120, 27.6415
YIQ	175.6120, 42.1350, 1.8070

Conversions

Conversions Part 2

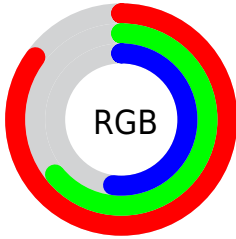
Format	Color
RYB	217, 181, 132
Decimal	14263172
CIELab	71.29, 15.99, 23.86
CIElCh	71, 28.725, 56.178
Yxy	42.6120, 0.3951, 0.3669
Android (android.graphics.Color)	4292453252 (0xFFD9A384)
YUV	175.6120, -21.5007, 36.2973
Hunter-Lab	65.2779, 11.2405, 20.5886

Details

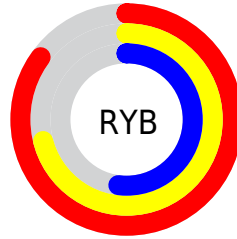
The Yxy color **42.6120, 0.3951, 0.3669** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.0662, 0.2524, 0.2871**, and the grayscale version is **43.3037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9056, 0.3637, 0.3630**, and **19.4517, 0.4194, 0.3759** is the 20% darker color. If you saturate the color by 10%, you get **37.4451, 0.4244, 0.3762**, and if you desaturate by 10%, it is **48.4412, 0.3693, 0.3569**.

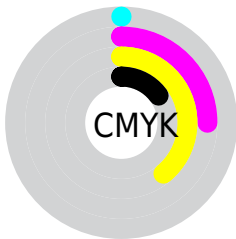
Distribution



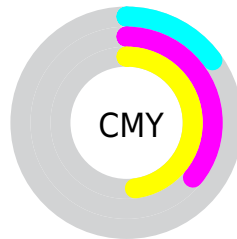
- Red (85%)
- Green (64%)
- Blue (52%)



- Red (85%)
- Yellow (71%)
- Blue (52%)



- Cyan (0%)
- Magenta (25%)
- Yellow (39%)
- Black (15%)





- Cyan (15%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.6120, 0.3951, 0.3669 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 42.6120, 0.3951, 0.3669 by changing the saturation by 10% instead.


 42.6120, 0.3951,
0.3669


 42.6120, 0.3951,
0.3669

357.0137, 0.3531,
0.3491

 29.5808, 0.4057,
0.3709


 79.1250, 0.3797,
0.3608

 19.5206, 0.4194,
0.3756


 103.3756, 0.3739,
0.3583

 12.0471, 0.4375,
0.3813


 132.1349, 0.3691,
0.3563

 6.7757, 0.4625,
0.3880

165.7871, 0.3650,
0.3545

 3.3222, 0.4986,
0.3947

204.7167, 0.3614,
0.3529

 1.3022, 0.5821,
0.4179

249.3080, 0.3582,

 0.1429, 0.7864,

0.3515

0.2136

299.9456, 0.3555,
0.3502

0.0000, 0.0000,
0.0000

42.6120, 0.3951,
0.3669

42.6120, 0.3951,
0.3669

37.4451, 0.4244,
0.3762

48.4412, 0.3693,
0.3569

32.9097, 0.4566,
0.3840

54.9500, 0.3469,
0.3469

28.9811, 0.4906,
0.3891

62.1625, 0.3278,
0.3373

25.6306, 0.5242,
0.3901

70.0998, 0.3115,
0.3283

22.8264, 0.5545,
0.3860

78.7822, 0.2976,
0.3199

■ 20.5281, 0.5794,
0.3773

■ 87.7537, 0.2897,
0.3195

■ 20.3583, 0.5814,
0.3766

■ 93.4980, 0.2900,
0.3289

Harmonies

Analogous

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



42.6120, 0.3870, 0.3338



42.6120, 0.3951, 0.3669



42.6120, 0.3795, 0.3933

Triad

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



42.6120, 0.3951, 0.3669



42.6120, 0.2679, 0.3575



42.6120, 0.2763, 0.2632

Complementary

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



42.6120, 0.3951, 0.3669



45.0662, 0.2524, 0.2871

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.



42.6120, 0.2481, 0.2650



42.6120, 0.3951, 0.3669



42.6120, 0.2434, 0.3169

Square

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



42.6120, 0.3951, 0.3669



42.6120, 0.3052, 0.3909



42.6120, 0.2365, 0.2835



42.6120, 0.3160, 0.2765

Rectangle

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



42.6120, 0.3951, 0.3669



42.6120, 0.3587, 0.4025



42.6120, 0.2365, 0.2835



42.6120, 0.2653, 0.2620

Sweetspot

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



42.6140, 0.3951, 0.3669



86.3934, 0.3331, 0.3401



34.8648, 0.3470, 0.2637



18.1945, 0.3356, 0.3414



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.



42.6140, 0.3951, 0.3669



55.1759, 0.4190, 0.3747



59.7468, 0.3763, 0.4129



13.8242, 0.3282, 0.3376



12.5028, 0.5787, 0.3787



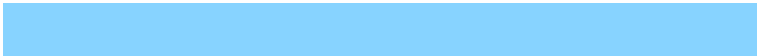
0.9708, 0.5477, 0.4033

Inverse Universe

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



45.0662, 0.2524, 0.2871



59.1431, 0.2405, 0.2765



30.0992, 0.2434, 0.2280



13.9904, 0.2982, 0.3203



14.2360, 0.1905, 0.2057



1.0841, 0.1967, 0.2281

Previews

White Background



This preview shows how the Yxy color 42.6120, 0.3951, 0.3669 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 42.6120, 0.3951, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

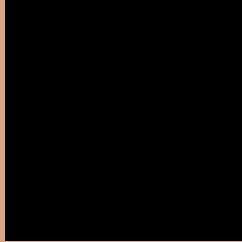
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6120, 0.3951, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 42.6120, 0.3951, 0.3669.



This preview shows how white text looks on a background with the Yxy color 42.6120, 0.3951, 0.3669.

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

42.6120, 0.3951, 0.3669

Protanopia

42.9052, 0.3553, 0.3802

Deuteranopia

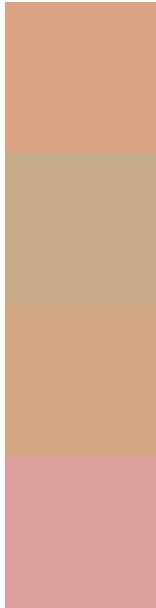
42.7658, 0.3829, 0.3760



Tritanopia

42.7282, 0.3633, 0.3149

Trichromacy



Original Color

42.6120, 0.3951, 0.3669

Protanomaly

42.7454, 0.3692, 0.3761

Deuteranomaly

42.6128, 0.3877, 0.3729

Tritanomaly

42.7576, 0.3756, 0.3340

Monochromacy



Original Color

42.6120, 0.3951, 0.3669

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.7403, 0.3408, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6120, 0.3951, 0.3669 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(217, 163, 132)` looks like.

```
.text, #text, p{  
    color:rgb(217, 163, 132)  
}
```

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(217, 163, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 163, 132) }
```

Border

The CSS property to change the border of an element to Yxy 42.6120, 0.3951, 0.3669 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(217, 163, 132) }
```

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

```
.border{ border-color:rgb(217, 163, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 163, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 163, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 163, 132); box-shadow:4px 4px 4px 4px rgb(217, 163, 132) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6120, 0.3951, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 163, 132) }
```

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

```
.background{ background-color: rgb(217,  
163, 132) }
```

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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