

Converting Colors

$Yxy(46.5741, 0.3799, 0.3822)$

Have a look what the booklet for
Yxy(46.5741, 0.3799, 0.3822)
contains.

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Color

Yxy(46.7208, 0.3791, 0.3824)

Conversions

Conversions Part 1

Format	Color
Hex	D1B186
RGB	209, 177, 134
RGB Percent	82%, 69%, 53%
CMY	0.1805, 0.3058, 0.4744
CMYK	0.00, 0.15, 0.36, 0.18
HSL	34°, 45%, 67%
HSV	34°, 36%, 82%
XYZ	46.3176, 46.7208, 29.1394
YIQ	181.6660, 32.8750, -6.5890

Conversions

Conversions Part 2

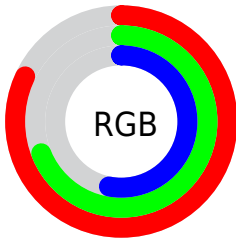
Format	Color
R _Y B	190, 209, 134
Decimal	13742470
CIE Lab	74.01, 5.49, 26.31
CIE LCh	74, 26.872, 78.218
Yxy	46.7208, 0.3791, 0.3824
Android (android.graphics.Color)	4291932550 (0xFFD1B186)
YUV	181.6660, -23.4993, 23.9719
Hunter-Lab	68.3526, 1.3394, 22.5709

Details

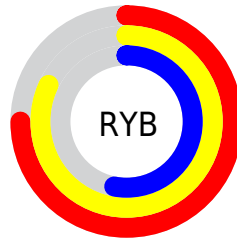
The Yxy color **46.7208, 0.3791, 0.3824** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.9450, 0.2543, 0.2686**, and the grayscale version is **46.7060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1257, 0.3585, 0.3755**, and **22.0796, 0.3967, 0.3969** is the 20% darker color. If you saturate the color by 10%, you get **42.7885, 0.4019, 0.3972**, and if you desaturate by 10%, it is **51.0027, 0.3580, 0.3671**.

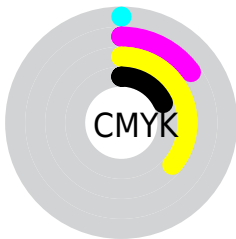
Distribution



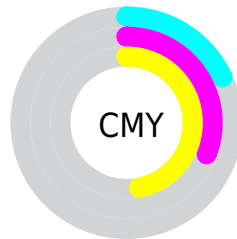
- Red (82%)
- Green (69%)
- Blue (53%)



- Red (75%)
- Yellow (82%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (36%)
- Black (18%)




- Cyan (18%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7208, 0.3791, 0.3824 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 46.7208, 0.3791, 0.3824 by changing the saturation by 10% instead.


 46.7208, 0.3791,
0.3824


 46.7208, 0.3791,
0.3824

373.6990, 0.3460,
0.3564

 32.8150, 0.3872,
0.3885


 85.2967, 0.3672,
0.3732

 21.9848, 0.3975,
0.3962


 110.7356, 0.3627,
0.3697

 13.8457, 0.4108,
0.4059


 140.7877, 0.3588,
0.3667

 8.0134, 0.4288,
0.4184

175.8373, 0.3555,
0.3640

 4.1035, 0.4536,
0.4344

216.2688, 0.3527,
0.3618

 1.7316, 0.5184,
0.4816

262.4667, 0.3502,

 0.4440, 0.5560,

0.3598

0.4440

314.8153, 0.3480,
0.3580

0.0000, 0.0000,
0.0000

46.7208, 0.3791,
0.3824

46.7208, 0.3791,
0.3824

42.7885, 0.4019,
0.3972

51.0027, 0.3580,
0.3671

39.1882, 0.4260,
0.4106

55.6383, 0.3389,
0.3519

35.9100, 0.4504,
0.4214


60.6396, 0.3218,
0.3372


32.9408, 0.4740,
0.4284

66.0161, 0.3067,
0.3234

30.2659, 0.4954,
0.4305


71.7768, 0.2933,
0.3105


 27.8681, 0.5135,
0.4273

 77.6428, 0.2841,
0.3031

 26.9476, 0.5203,
0.4251

 82.7463, 0.2846,
0.3126

 88.1073, 0.2851,
0.3220

 92.2930, 0.2855,
0.3289

Harmonies

Analogous

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



46.7208, 0.3876, 0.3562



46.7208, 0.3791, 0.3824



46.7208, 0.3525, 0.3960

Triad

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



46.7208, 0.3791, 0.3824



46.7208, 0.2541, 0.3278



46.7208, 0.3057, 0.2765

Complementary

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



46.7208, 0.3791, 0.3824



36.9450, 0.2543, 0.2686

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.



46.7208, 0.2715, 0.2679



46.7208, 0.3791, 0.3824



46.7208, 0.2432, 0.2948

Square

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



46.7208, 0.3791, 0.3824



46.7208, 0.2803, 0.3640



46.7208, 0.2493, 0.2738



46.7208, 0.3438, 0.2971

Rectangle

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



46.7208, 0.3791, 0.3824



46.7208, 0.3287, 0.3944



46.7208, 0.2493, 0.2738



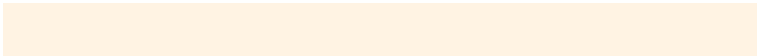
46.7208, 0.2934, 0.2722

Sweetspot

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



46.7230, 0.3791, 0.3824



90.9255, 0.3306, 0.3448



33.3817, 0.3609, 0.2885



19.2331, 0.3329, 0.3469



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.



46.7230, 0.3791, 0.3824



68.5383, 0.3964, 0.3938



60.1505, 0.3622, 0.4189



12.9176, 0.3276, 0.3423



16.8170, 0.5185, 0.4265



1.0960, 0.4955, 0.4448

Inverse Universe

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



36.9450, 0.2543, 0.2686



51.0244, 0.2414, 0.2531



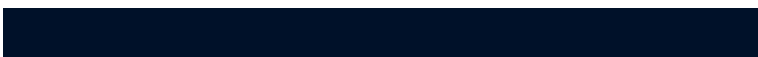
27.1504, 0.2520, 0.2230



12.2349, 0.2982, 0.3153



7.4459, 0.1710, 0.1354



0.5722, 0.1810, 0.1716

Previews

White Background



This preview shows how the Yxy color 46.7208, 0.3791, 0.3824 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 46.7208, 0.3791, 0.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

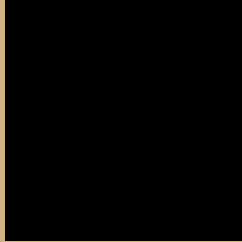
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.7208, 0.3791, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 46.7208, 0.3791, 0.3824.



This preview shows how white text looks on a background with the Yxy color 46.7208, 0.3791, 0.3824.

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

46.7208, 0.3791, 0.3824

Protanopia

46.8356, 0.3623, 0.3885

Deuteranopia

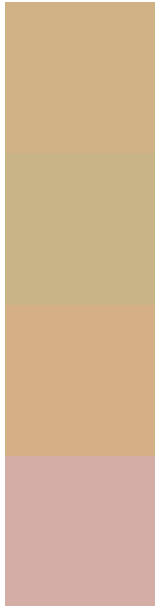
46.8563, 0.3848, 0.3778



Tritanopia

46.5063, 0.3409, 0.3123

Trichromacy



Original Color

46.7208, 0.3791, 0.3824

Protanomaly

46.6711, 0.3686, 0.3864

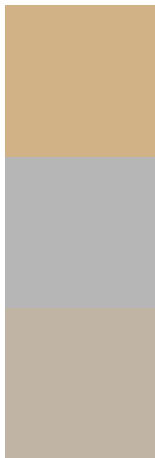
Deuteranomaly

46.9461, 0.3825, 0.3793

Tritanomaly

46.6374, 0.3546, 0.3377

Monochromacy



Original Color

46.7208, 0.3791, 0.3824

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.5656, 0.3356, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7208, 0.3791, 0.3824 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(209, 177, 134)` looks like.

```
.text, #text, p{  
    color:rgb(209, 177, 134)  
}
```

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(209, 177, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 177, 134) }
```

Border

The CSS property to change the border of an element to Yxy 46.7208, 0.3791, 0.3824 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(209, 177, 134) }
```

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

```
.border{ border-color:rgb(209, 177, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 177, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 177, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 177, 134);  
box-shadow:4px 4px 4px 4px rgb(209, 177,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7208, 0.3791, 0.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 177, 134) }
```

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

```
.background{ background-color: rgb(209,  
177, 134) }
```

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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