

Converting Colors

$Yxy(46.8237, 0.3949, 0.3986)$

Have a look what the booklet for
Yxy(46.8237, 0.3949, 0.3986)
contains.

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Color

Yxy(46.9465, 0.3949, 0.3983)

Conversions

Conversions Part 1

Format	Color
Hex	D5B178
RGB	213, 177, 120
RGB Percent	84%, 69%, 47%
CMY	0.1648, 0.3058, 0.5294
CMYK	0.00, 0.17, 0.44, 0.16
HSL	37°, 53%, 65%
HSV	37°, 44%, 84%
XYZ	46.5458, 46.9465, 24.3749
YIQ	181.2660, 39.7530, -10.0950

Conversions

Conversions Part 2

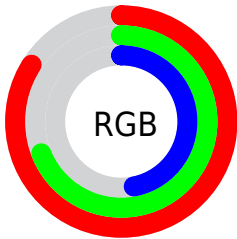
Format	Color
RYB	179, 213, 120
Decimal	14004600
CIELab	74.16, 5.51, 34.00
CIELCh	74, 34.445, 80.798
Yxy	46.9465, 0.3949, 0.3983
Android (android.graphics.Color)	4292194680 (0xFFD5B178)
YUV	181.2660, -30.2041, 27.8307
Hunter-Lab	68.5175, 1.3541, 26.8700

Details

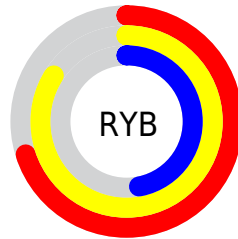
The Yxy color **46.9465, 0.3949, 0.3983** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.5532, 0.2401, 0.2471**, and the grayscale version is **46.5099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5550, 0.3678, 0.3897**, and **22.1773, 0.4161, 0.4166** is the 20% darker color. If you saturate the color by 10%, you get **43.3318, 0.4176, 0.4130**, and if you desaturate by 10%, it is **50.8770, 0.3732, 0.3824**.

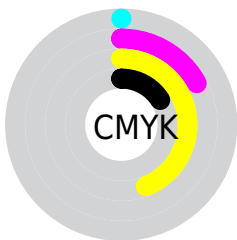
Distribution



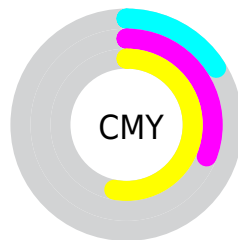
- Red (84%)
- Green (69%)
- Blue (47%)



- Red (70%)
- Yellow (84%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (44%)
- Black (16%)




- Cyan (16%)
- Magenta (31%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.9465, 0.3949, 0.3983 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 46.9465, 0.3949, 0.3983 by changing the saturation by 10% instead.


 46.9465, 0.3949,
0.3983


 46.9465, 0.3949,
0.3983


374.6009, 0.3543,
0.3650

 32.9934, 0.4046,
0.4060


 85.6338, 0.3804,
0.3866

 22.1214, 0.4167,
0.4153


 111.1367, 0.3749,
0.3821

 13.9461, 0.4321,
0.4268


 141.2583, 0.3702,
0.3782

 8.0832, 0.4519,
0.4409

176.3830, 0.3661,
0.3749

 4.1482, 0.4805,
0.4602

216.8953, 0.3626,
0.3719

 1.7568, 0.5184,
0.4816

263.1794, 0.3595,

 0.4600, 0.5541,

0.3693

0.4459

315.6198, 0.3568,
0.3670

0.0000, 0.0000,
0.0000

46.9465, 0.3949,
0.3983

46.9465, 0.3949,
0.3983

43.3318, 0.4176,
0.4130

50.8770, 0.3732,
0.3824

40.0151, 0.4405,
0.4252

55.1269, 0.3531,
0.3660

36.9863, 0.4626,
0.4340

59.7082, 0.3348,
0.3499

34.2320, 0.4827,
0.4381

64.6301, 0.3183,
0.3344

31.7362, 0.4996,
0.4369

69.9012, 0.3036,
0.3199

■ 30.2722, 0.5090,
0.4341

■ 75.5300, 0.2906,
0.3063

■ 80.5846, 0.2867,
0.3077

■ 85.4008, 0.2871,
0.3164

■ 90.4380, 0.2875,
0.3250

Harmonies

Analogous

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



46.9465, 0.4088, 0.3652



46.9465, 0.3949, 0.3983



46.9465, 0.3589, 0.4156

Triad

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



46.9465, 0.3949, 0.3983



46.9465, 0.2365, 0.3226



46.9465, 0.3074, 0.2650

Complementary

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



46.9465, 0.3949, 0.3983



32.5532, 0.2401, 0.2471

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.



46.9465, 0.2635, 0.2526



46.9465, 0.3949, 0.3983



46.9465, 0.2251, 0.2816

Square

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



46.9465, 0.3949, 0.3983



46.9465, 0.2675, 0.3705



46.9465, 0.2346, 0.2576



46.9465, 0.3563, 0.2914

Rectangle

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



46.9465, 0.3949, 0.3983



46.9465, 0.3281, 0.4128



46.9465, 0.2346, 0.2576



46.9465, 0.2916, 0.2591

Sweetspot

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



46.9487, 0.3949, 0.3983



90.1385, 0.3339, 0.3491



30.0134, 0.3800, 0.2834



18.9539, 0.3378, 0.3526



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.



46.9487, 0.3949, 0.3983



65.7315, 0.4150, 0.4114



61.7196, 0.3696, 0.4388



13.6760, 0.3276, 0.3433



18.7010, 0.5073, 0.4354



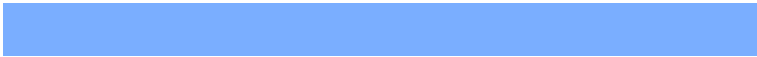
1.2863, 0.4882, 0.4506

Inverse Universe

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



32.5532, 0.2401, 0.2471



41.5325, 0.2249, 0.2267



22.9238, 0.2385, 0.1965



12.7882, 0.2982, 0.3143



6.8383, 0.1676, 0.1234



0.5706, 0.1773, 0.1582

Previews

White Background



This preview shows how the Yxy color 46.9465, 0.3949, 0.3983 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 46.9465, 0.3949, 0.3983 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 46.9465, 0.3949, 0.3983

Background



This preview shows how black text looks on a background with the Yxy color 46.9465, 0.3949, 0.3983.



This preview shows how white text looks on a background with the Yxy color 46.9465, 0.3949, 0.3983.

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

46.9465, 0.3949, 0.3983

Protanopia

46.8668, 0.3767, 0.4056

Deuteranopia

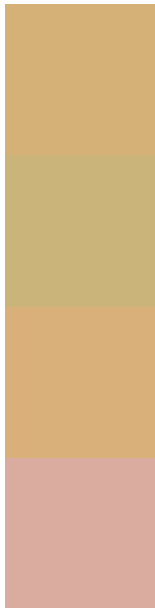
47.1005, 0.4008, 0.3933



Tritanopia

46.8134, 0.3474, 0.3137

Trichromacy



Original Color

46.9465, 0.3949, 0.3983

Protanomaly

46.7195, 0.3831, 0.4031

Deuteranomaly

47.1829, 0.3984, 0.3950

Tritanomaly

46.7600, 0.3660, 0.3448

Monochromacy



Original Color

46.9465, 0.3949, 0.3983

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.4832, 0.3416, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9465, 0.3949, 0.3983 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(213, 177, 120)` looks like.

```
.text, #text, p{  
    color:rgb(213, 177, 120)  
}
```

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(213, 177, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 177, 120) }
```

Border

The CSS property to change the border of an element to Yxy 46.9465, 0.3949, 0.3983 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(213, 177, 120) }
```

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

```
.border{ border-color:rgb(213, 177, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 177, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 177, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 177, 120);  
box-shadow:4px 4px 4px 4px rgb(213, 177,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9465, 0.3949, 0.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 177, 120) }
```

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

```
.background{ background-color: rgb(213,  
177, 120) }
```

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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