

Converting Colors

$Y_{xy}(41.7974, 0.3981, 0.3735)$

Have a look what the booklet for
Yxy(41.7974, 0.3981, 0.3735)
contains.

Yxy(41.6432, 0.3984, 0.3735)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.6432, 0.3984, 0.3735)

Conversions

Conversions Part 1

Format	Color
Hex	D6A27E
RGB	214, 162, 126
RGB Percent	84%, 64%, 49%
CMY	0.1607, 0.3647, 0.5059
CMYK	0.00, 0.24, 0.41, 0.16
HSL	25°, 52%, 67%
HSV	25°, 41%, 84%
XYZ	44.4194, 41.6432, 25.4319
YIQ	173.4440, 42.5480, -0.1720

Conversions

Conversions Part 2

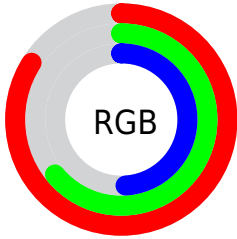
Format	Color
R _Y B	214, 187, 126
Decimal	14066302
CIE Lab	70.62, 14.63, 26.18
CIE LCh	71, 29.995, 60.798
Yxy	41.6432, 0.3984, 0.3735
Android (android.graphics.Color)	4292256382 (0xFFD6A27E)
YUV	173.4440, -23.3899, 35.5676
Hunter-Lab	64.5315, 9.9379, 21.8059

Details

The Yxy color **41.6432, 0.3984, 0.3735** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.1307, 0.2487, 0.2790**, and the grayscale version is **42.1343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1404, 0.3684, 0.3682**, and **18.8558, 0.4228, 0.3829** is the 20% darker color. If you saturate the color by 10%, you get **36.9172, 0.4269, 0.3838**, and if you desaturate by 10%, it is **46.9394, 0.3729, 0.3624**.

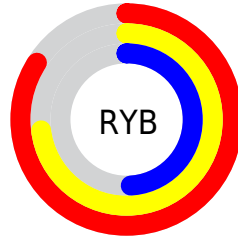
Distribution



Red (84%)

Green (64%)

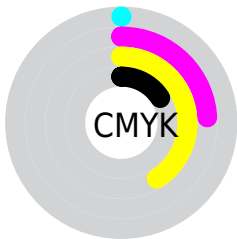
Blue (49%)



Red (84%)

Yellow (73%)

Blue (49%)

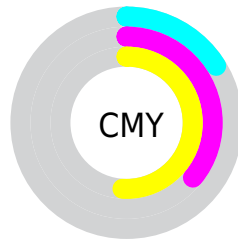


Cyan (0%)

Magenta (24%)

Yellow (41%)

Black (16%)



Cyan (16%)


Magenta (36%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6432, 0.3984, 0.3735 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 41.6432, 0.3984, 0.3735 by changing the saturation by 10% instead.


 41.6432, 0.3984,
0.3735


 41.6432, 0.3984,
0.3735


353.0017, 0.3546,
0.3524


 28.8220, 0.4095,
0.3782


 77.6593, 0.3824,
0.3662

 18.9462, 0.4236,
0.3840


 101.6231, 0.3764,
0.3633

 11.6314, 0.4424,
0.3908


 130.0698, 0.3713,
0.3609

 6.4932, 0.4681,
0.3988

163.3839, 0.3670,
0.3587

 3.1473, 0.5065,
0.4084

201.9497, 0.3633,
0.3568

 1.2091, 0.5767,
0.4233

246.1517, 0.3600,

 0.0691, 0.8596,

0.3552

0.1404

296.3742, 0.3572,
0.3537

0.0000, 0.0000,
0.0000

41.6432, 0.3984,
0.3735

41.6432, 0.3984,
0.3735

36.9172, 0.4269,
0.3838

46.9394, 0.3729,
0.3624

32.7346, 0.4577,
0.3922

52.8193, 0.3505,
0.3512

29.0751, 0.4897,
0.3975

59.3035, 0.3311,
0.3404

25.9146, 0.5206,
0.3985

66.4096, 0.3144,
0.3301

23.2259, 0.5481,
0.3942

74.1544, 0.3001,
0.3206

■ 21.2047, 0.5687,
0.3867

■ 82.5542, 0.2879,
0.3118

■ 90.2115, 0.2881,
0.3243

■ 93.0376, 0.2883,
0.3289

Harmonies

Analogous

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



41.6432, 0.3939, 0.3393



41.6432, 0.3984, 0.3735



41.6432, 0.3784, 0.3995

Triad

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



41.6432, 0.3984, 0.3735



41.6432, 0.2606, 0.3524



41.6432, 0.2802, 0.2612

Complementary

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



41.6432, 0.3984, 0.3735



41.1307, 0.2487, 0.2790

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.



41.6432, 0.2484, 0.2605



41.6432, 0.3984, 0.3735



41.6432, 0.2376, 0.3098

Square

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



41.6432, 0.3984, 0.3735



41.6432, 0.2981, 0.3901



41.6432, 0.2335, 0.2769



41.6432, 0.3230, 0.2773

Rectangle

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



41.6432, 0.3984, 0.3735



41.6432, 0.3550, 0.4073



41.6432, 0.2335, 0.2769



41.6432, 0.2680, 0.2592

Sweetspot

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



41.6452, 0.3984, 0.3735



87.1853, 0.3329, 0.3414



32.4637, 0.3541, 0.2654



18.3803, 0.3353, 0.3428



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.



41.6452, 0.3984, 0.3735



55.9903, 0.4220, 0.3822



59.5660, 0.3776, 0.4214



13.2468, 0.3281, 0.3386



13.0089, 0.5661, 0.3887



0.9453, 0.5349, 0.4135

Inverse Universe

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



41.1307, 0.2487, 0.2790



55.0981, 0.2363, 0.2667



26.5607, 0.2386, 0.2157



13.2162, 0.2982, 0.3192



12.2322, 0.1861, 0.1899



0.8988, 0.1935, 0.2164

Previews

White Background



This preview shows how the Yxy color 41.6432, 0.3984, 0.3735 looks on a white background.

Color Contrast Check

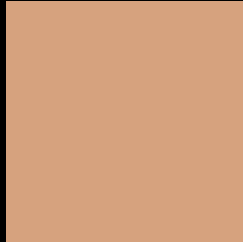
Large Text (above 18pt) WCAG AA × Fail

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 41.6432, 0.3984, 0.3735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

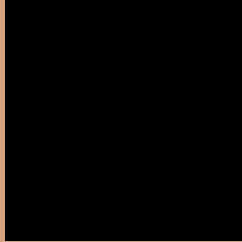
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6432, 0.3984, 0.3735

Background



This preview shows how black text looks on a background with the Yxy color 41.6432, 0.3984, 0.3735.



This preview shows how white text looks on a background with the Yxy color 41.6432, 0.3984, 0.3735.

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

41.6432, 0.3984, 0.3735

Protanopia

41.8401, 0.3603, 0.3861

Deuteranopia

41.7322, 0.3884, 0.3812



Tritanopia

41.5095, 0.3629, 0.3147

Trichromacy



Original Color

41.6432, 0.3984, 0.3735

Protanomaly

41.6967, 0.3744, 0.3816

Deuteranomaly

41.8008, 0.3919, 0.3794

Tritanomaly

41.5053, 0.3764, 0.3353

Monochromacy



Original Color

41.6432, 0.3984, 0.3735

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.4676, 0.3419, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6432, 0.3984, 0.3735 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(214, 162, 126)` looks like.

```
.text, #text, p{  
    color:rgb(214, 162, 126)  
}
```

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(214, 162, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 162, 126) }
```

Border

The CSS property to change the border of an element to Yxy 41.6432, 0.3984, 0.3735 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(214, 162, 126) }
```

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

```
.border{ border-color:rgb(214, 162, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 162, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 162, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 162, 126);  
box-shadow:4px 4px 4px 4px rgb(214, 162,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6432, 0.3984, 0.3735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 162, 126) }
```

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

```
.background{ background-color: rgb(214,  
162, 126) }
```

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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