

Converting Colors

$Yxy(44.1057, 0.3745, 0.3475)$

Have a look what the booklet for
Yxy(44.1057, 0.3745, 0.3475)
contains.

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Color

Yxy(44.1057, 0.3745, 0.3475)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D8A697 |
| RGB | 216, 166, 151 |
| RGB Percent | 85%, 65%, 59% |
| CMY | 0.1531, 0.3489, 0.4079 |
| CMYK | 0.00, 0.23, 0.30, 0.15 |
| HSL | 14°, 45%, 72% |
| HSV | 14°, 30%, 85% |
| XYZ | 47.5326, 44.1057, 35.2846 |
| YIQ | 179.2400, 34.6150, 5.9350 |

Conversions

Conversions Part 2

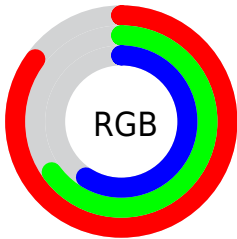
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 216, 171, 151 |
| Decimal | 14198423 |
| CIELab | 72.30, 16.28, 14.87 |
| CIElCh | 72, 22.043, 42.407 |
| Yxy | 44.1057, 0.3745, 0.3475 |
| Android (android.graphics.Color) | 4292388503 (0xFFD8A697) |
| YUV | 179.2400, -13.9223, 32.2385 |
| Hunter-Lab | 66.4121, 11.5352, 14.9879 |

Details

The Yxy color $44.1057, 0.3745, 0.3475$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $53.2800, 0.2674, 0.3096$, and the grayscale version is $45.2757, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.3807, 0.3486, 0.3453$, and $20.4283, 0.3931, 0.3520$ is the 20% darker color. If you saturate the color by 10%, you get $37.8168, 0.4034, 0.3539$, and if you desaturate by 10%, it is $51.3065, 0.3501, 0.3411$.

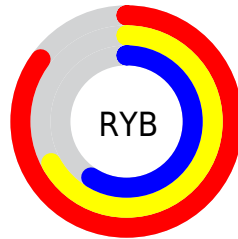
Distribution



Red (85%)

Green (65%)

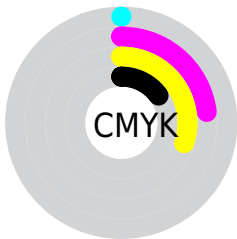
Blue (59%)



Red (85%)

Yellow (67%)

Blue (59%)

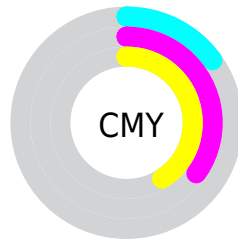


Cyan (0%)

Magenta (23%)

Yellow (30%)

Black (15%)



Cyan (15%)


Magenta (35%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1057, 0.3745, 0.3475 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 44.1057, 0.3745, 0.3475 by changing the saturation by 10% instead.


 44.1057, 0.3745,
0.3475

 44.1057, 0.3745,
0.3475

363.1394, 0.3430,
0.3389

 30.7536, 0.3825,
0.3494


 81.3768, 0.3629,
0.3446

 20.4113, 0.3928,
0.3517


 106.0645, 0.3586,
0.3434

 12.6944, 0.4067,
0.3545


135.2997, 0.3550,
0.3424

 7.2184, 0.4262,
0.3578

169.4666, 0.3519,
0.3415

 3.5991, 0.4555,
0.3614

208.9496, 0.3493,
0.3408

 1.4519, 0.5146,
0.3719

254.1331, 0.3469,

 0.2545, 0.7152,

0.3401

0.2848

305.4016, 0.3449,
0.3395

0.0000, 0.0000,
0.0000

44.1057, 0.3745,
0.3475

44.1057, 0.3745,
0.3475

37.8168, 0.4034,
0.3539

51.3065, 0.3501,
0.3411

32.3969, 0.4370,
0.3597

59.4475, 0.3298,
0.3349

27.8090, 0.4748,
0.3641

68.5634, 0.3128,
0.3290

24.0108, 0.5150,
0.3661

78.6853, 0.2988,
0.3237

20.9561, 0.5542,
0.3648

89.5840, 0.2892,
0.3228

■ 18.5934, 0.5881,
0.3594

■ 93.3333, 0.2894,
0.3289

■ 16.8696, 0.6132,
0.3513

Harmonies

Analogous

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



44.1057, 0.3603, 0.3214



44.1057, 0.3745, 0.3475



44.1057, 0.3710, 0.3706

Triad

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



44.1057, 0.3745, 0.3475



44.1057, 0.2911, 0.3632



44.1057, 0.2736, 0.2774

Complementary

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



44.1057, 0.3745, 0.3475



53.2800, 0.2674, 0.3096

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.



44.1057, 0.2571, 0.2852



44.1057, 0.3745, 0.3475



44.1057, 0.2668, 0.3342

Square

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



44.1057, 0.3745, 0.3475



44.1057, 0.3220, 0.3818



44.1057, 0.2547, 0.3055



44.1057, 0.3009, 0.2822

Rectangle

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



44.1057, 0.3745, 0.3475



44.1057, 0.3595, 0.3810



44.1057, 0.2547, 0.3055



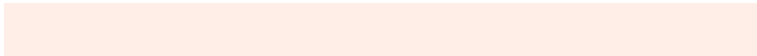
44.1057, 0.2667, 0.2785

Sweetspot

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



44.1078, 0.3745, 0.3475



87.8646, 0.3279, 0.3343



40.9846, 0.3289, 0.2695



18.4105, 0.3306, 0.3351



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.



44.1078, 0.3745, 0.3475



58.3712, 0.3920, 0.3515



57.0131, 0.3637, 0.3841



12.8822, 0.3285, 0.3345



10.1259, 0.6107, 0.3533



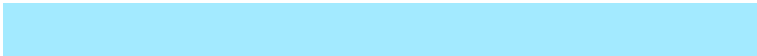
0.7388, 0.5766, 0.3804

Inverse Universe

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



53.2800, 0.2674, 0.3096



73.7427, 0.2587, 0.3049



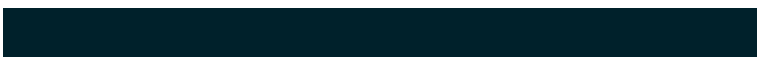
40.0617, 0.2626, 0.2669



13.5982, 0.2982, 0.3235



19.2585, 0.2036, 0.2530



1.2828, 0.2077, 0.2677

Previews

White Background



This preview shows how the Yxy color 44.1057, 0.3745, 0.3475 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 44.1057, 0.3745, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

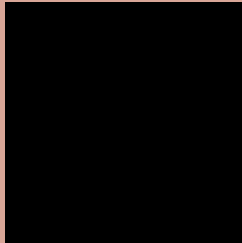
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1057, 0.3745, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 44.1057, 0.3745, 0.3475.



This preview shows how white text looks on a background with the Yxy color 44.1057, 0.3745, 0.3475.

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

44.1057, 0.3745, 0.3475

Protanopia

44.3177, 0.3375, 0.3556

Deuteranopia

44.1652, 0.3622, 0.3558



Tritanopia

43.9959, 0.3555, 0.3136

Trichromacy



Original Color

44.1057, 0.3745, 0.3475

Protanomaly

44.1240, 0.3505, 0.3524

Deuteranomaly

43.9878, 0.3667, 0.3530

Tritanomaly

43.8530, 0.3630, 0.3255

Monochromacy



Original Color

44.1057, 0.3745, 0.3475

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.3431, 0.3332, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1057, 0.3745, 0.3475 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(216, 166, 151)` looks like.

```
.text, #text, p{  
    color:rgb(216, 166, 151)  
}
```

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(216, 166, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 166, 151) }
```

Border

The CSS property to change the border of an element to Yxy 44.1057, 0.3745, 0.3475 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(216, 166, 151) }
```

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

```
.border{ border-color:rgb(216, 166, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 166, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 166, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 166, 151);  
box-shadow:4px 4px 4px 4px rgb(216, 166,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1057, 0.3745, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 166, 151) }
```

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

```
.background{ background-color: rgb(216,  
166, 151) }
```

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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