

Converting Colors

$Yxy(44.0145, 0.3774, 0.3513)$

Have a look what the booklet for
Yxy(44.0145, 0.3774, 0.3513)
contains.

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Color

Yxy(44.0095, 0.3774, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	D8A694
RGB	216, 166, 148
RGB Percent	85%, 65%, 58%
CMY	0.1531, 0.3489, 0.4197
CMYK	0.00, 0.23, 0.31, 0.15
HSL	16°, 47%, 71%
HSV	16°, 31%, 85%
XYZ	47.2927, 44.0095, 34.0096
YIQ	178.8980, 35.5780, 5.0020

Conversions

Conversions Part 2

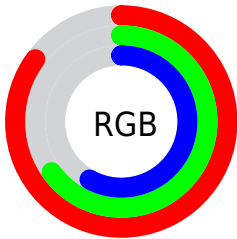
Format	Color
R _Y B	216, 172, 148
Decimal	14198420
CIE Lab	72.23, 15.88, 16.43
CIE LCh	72, 22.853, 45.968
Yxy	44.0095, 0.3774, 0.3512
Android (android.graphics.Color)	4292388500 (0xFFD8A694)
YUV	178.8980, -15.2327, 32.5385
Hunter-Lab	66.3397, 11.1559, 16.0422

Details

The Yxy color **44.0095, 0.3774, 0.3512** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.6066, 0.2651, 0.3055**, and the grayscale version is **45.0901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2372, 0.3508, 0.3484**, and **20.3713, 0.3971, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **37.9723, 0.4062, 0.3585**, and if you desaturate by 10%, it is **50.8901, 0.3529, 0.3438**.

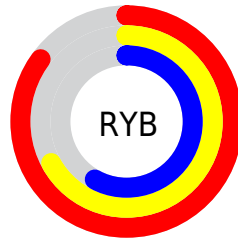
Distribution



Red (85%)

Green (65%)

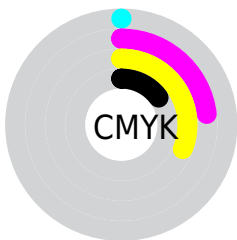
Blue (58%)



Red (85%)

Yellow (67%)

Blue (58%)

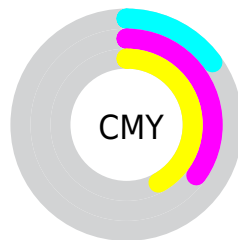


Cyan (0%)

Magenta (23%)

Yellow (31%)

Black (15%)



Cyan (15%)


Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0095, 0.3774, 0.3512 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 44.0095, 0.3774, 0.3512 by changing the saturation by 10% instead.


 44.0095, 0.3774,
0.3512


 44.0095, 0.3774,
0.3512


362.7470, 0.3445,
0.3408

 30.6780, 0.3858,
0.3535


 81.2320, 0.3653,
0.3476

 20.3538, 0.3966,
0.3563


 105.8918, 0.3608,
0.3462

 12.6525, 0.4111,
0.3598


135.0965, 0.3570,
0.3450

 7.1897, 0.4314,
0.3639

169.2305, 0.3538,
0.3440

 3.5810, 0.4616,
0.3685

208.6781, 0.3510,
0.3430

 1.4421, 0.5283,
0.3847

253.8238, 0.3485,

 0.2474, 0.7157,

0.3422

0.2843

305.0520, 0.3464,
0.3415

0.0000, 0.0000,
0.0000

44.0095, 0.3774,
0.3512

44.0095, 0.3774,
0.3512

37.9723, 0.4062,
0.3585

50.8901, 0.3529,
0.3438

32.7395, 0.4394,
0.3650

58.6390, 0.3323,
0.3367

28.2779, 0.4762,
0.3699

67.2877, 0.3150,
0.3300

24.5497, 0.5150,
0.3721

76.8642, 0.3006,
0.3237

21.5135, 0.5525,
0.3705

87.3330, 0.2890,
0.3190

■ 19.1231, 0.5846,
0.3646

■ 93.3346, 0.2894,
0.3289

■ 17.5511, 0.6060,
0.3570

Harmonies

Analogous

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



44.0095, 0.3647, 0.3242



44.0095, 0.3774, 0.3512



44.0095, 0.3716, 0.3743

Triad

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



44.0095, 0.3774, 0.3512



44.0095, 0.2868, 0.3613



44.0095, 0.2750, 0.2755

Complementary

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



44.0095, 0.3774, 0.3512



51.6066, 0.2651, 0.3055

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.



44.0095, 0.2564, 0.2819



44.0095, 0.3774, 0.3512



44.0095, 0.2629, 0.3306

Square

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



44.0095, 0.3774, 0.3512



44.0095, 0.3184, 0.3825



44.0095, 0.2521, 0.3014



44.0095, 0.3043, 0.2820

Rectangle

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



44.0095, 0.3774, 0.3512



44.0095, 0.3584, 0.3842



44.0095, 0.2521, 0.3014



44.0095, 0.2674, 0.2761

Sweetspot

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



44.0116, 0.3774, 0.3512



88.3194, 0.3278, 0.3350



39.8899, 0.3320, 0.2691



18.5219, 0.3305, 0.3360



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.



44.0116, 0.3774, 0.3512



57.9346, 0.3967, 0.3562



57.5665, 0.3656, 0.3892



12.9514, 0.3284, 0.3353



10.5434, 0.6033, 0.3591



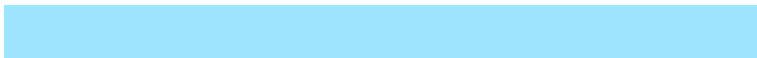
0.7722, 0.5689, 0.3865

Inverse Universe

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



51.6066, 0.2651, 0.3055



70.6979, 0.2553, 0.2995



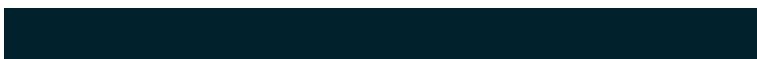
38.1522, 0.2597, 0.2604



13.5243, 0.2982, 0.3227



17.7331, 0.2003, 0.2410



1.2018, 0.2050, 0.2580

Previews

White Background



This preview shows how the Yxy color 44.0095, 0.3774, 0.3512 looks on a white background.

Color Contrast Check

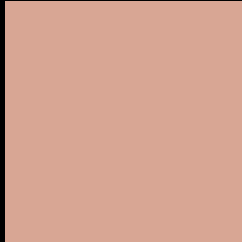
Large Text (above 18pt) WCAG AA × Fail

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 44.0095, 0.3774, 0.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

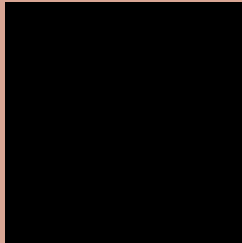
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0095, 0.3774, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 44.0095, 0.3774, 0.3512.



This preview shows how white text looks on a background with the Yxy color 44.0095, 0.3774, 0.3512.

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

44.0095, 0.3774, 0.3512

Protanopia

44.1833, 0.3409, 0.3611

Deuteranopia

44.2115, 0.3660, 0.3595



Tritanopia

43.9959, 0.3555, 0.3136

Trichromacy



Original Color

44.0095, 0.3774, 0.3512

Protanomaly

43.9918, 0.3540, 0.3576

Deuteranomaly

44.0378, 0.3705, 0.3566

Tritanomaly

43.8164, 0.3639, 0.3267

Monochromacy



Original Color

44.0095, 0.3774, 0.3512

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.3057, 0.3341, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0095, 0.3774, 0.3512 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(216, 166, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 166, 148) }
```

Border

The CSS property to change the border of an element to Yxy 44.0095, 0.3774, 0.3512 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, 148) }
```

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

```
.border{ border-color:rgb(216, 166, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 166, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 166, 148); box-shadow:4px 4px 4px 4px rgb(216, 166, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0095, 0.3774, 0.3512 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, 148) }
```

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

```
.background{ background-color: rgb(216,  
166, 148) }
```

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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