

Converting Colors

$Y_{xy}(44.7753, 0.3966, 0.3574)$

Have a look what the booklet for
Yxy(44.7753, 0.3966, 0.3574)
contains.

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Color

Yxy(44.7753, 0.3966, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	E3A48C
RGB	227, 164, 140
RGB Percent	89%, 64%, 55%
CMY	0.1098, 0.3568, 0.4511
CMYK	0.00, 0.28, 0.38, 0.11
HSL	17°, 61%, 72%
HSV	17°, 38%, 89%
XYZ	49.6863, 44.7753, 30.8190
YIQ	180.1010, 45.2520, 5.8920

Conversions

Conversions Part 2

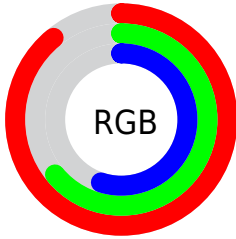
Format	Color
R _Y B	227, 173, 140
Decimal	14918796
CIE Lab	72.74, 20.27, 21.69
CIE LCh	73, 29.685, 46.946
Yxy	44.7753, 0.3966, 0.3574
Android (android.graphics.Color)	4293108876 (0xFFE3A48C)
YUV	180.1010, -19.7698, 41.1304
Hunter-Lab	66.9143, 15.4425, 19.5326

Details

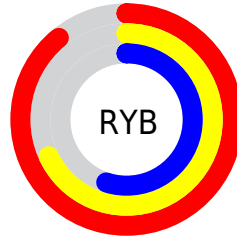
The Yxy color $44.7753, 0.3966, 0.3574$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $53.8104, 0.2550, 0.2982$, and the grayscale version is $45.7888, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8181, 0.3570, 0.3547$, and $20.8726, 0.4211, 0.3629$ is the 20% darker color. If you saturate the color by 10%, you get $38.6698, 0.4283, 0.3645$, and if you desaturate by 10%, it is $51.7829, 0.3692, 0.3497$.

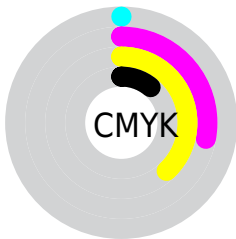
Distribution



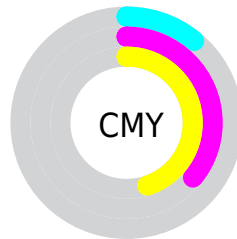
- Red (89%)
- Green (64%)
- Blue (55%)



- Red (89%)
- Yellow (68%)
- Blue (55%)



- Cyan (0%)
- Magenta (28%)
- Yellow (38%)
- Black (11%)




- Cyan (11%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7753, 0.3966, 0.3574 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 44.7753, 0.3966, 0.3574 by changing the saturation by 10% instead.


 44.7753, 0.3966,
0.3574


 44.7753, 0.3966,
0.3574


365.8628, 0.3540,
0.3446


 31.2805, 0.4073,
0.3601


 82.3831, 0.3810,
0.3531

 20.8125, 0.4211,
0.3633


 107.2649, 0.3752,
0.3514

 12.9870, 0.4393,
0.3669


 136.7111, 0.3703,
0.3499

 7.4196, 0.4645,
0.3707

171.1062, 0.3661,
0.3485

 3.7259, 0.5009,
0.3738

210.8345, 0.3625,
0.3474

 1.5214, 0.5965,
0.3984

256.2804, 0.3593,

 0.3037, 0.7206,

0.3463

0.2794

307.8284, 0.3565,
0.3454

0.0000, 0.0000,
0.0000

44.7753, 0.3966,
0.3574

44.7753, 0.3966,
0.3574

38.6698, 0.4283,
0.3645

51.7829, 0.3692,
0.3497

33.4225, 0.4638,
0.3703

59.7213, 0.3460,
0.3421

28.9953, 0.5019,
0.3737

68.6258, 0.3265,
0.3348

25.3445, 0.5398,
0.3735

78.5281, 0.3102,
0.3279

22.4219, 0.5737,
0.3688

89.4581, 0.2965,
0.3216

■ 20.1702, 0.6001,
0.3601

■ 95.0716, 0.2958,
0.3290

■ 19.8548, 0.6040,
0.3586

Harmonies

Analogous

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



44.7753, 0.3810, 0.3234



44.7753, 0.3966, 0.3574



44.7753, 0.3878, 0.3873

Triad

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



44.7753, 0.3966, 0.3574



44.7753, 0.2778, 0.3700



44.7753, 0.2653, 0.2610

Complementary

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



44.7753, 0.3966, 0.3574



53.8104, 0.2550, 0.2982

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.



44.7753, 0.2415, 0.2680



44.7753, 0.3966, 0.3574



44.7753, 0.2482, 0.3291

Square

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



44.7753, 0.3966, 0.3574



44.7753, 0.3180, 0.3986



44.7753, 0.2355, 0.2917



44.7753, 0.3029, 0.2701

Rectangle

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



44.7753, 0.3966, 0.3574



44.7753, 0.3700, 0.4005



44.7753, 0.2355, 0.2917



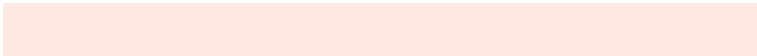
44.7753, 0.2556, 0.2615

Sweetspot

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



44.7774, 0.3966, 0.3574



84.8585, 0.3334, 0.3374



39.4260, 0.3389, 0.2573



17.8349, 0.3360, 0.3384



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.



44.7774, 0.3966, 0.3574



51.8752, 0.4214, 0.3632



62.7015, 0.3780, 0.4041



15.0128, 0.3286, 0.3356



11.7470, 0.6014, 0.3607



1.0203, 0.5726, 0.3835

Inverse Universe

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



53.8104, 0.2550, 0.2982



65.1569, 0.2442, 0.2906



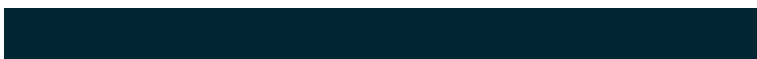
36.3540, 0.2464, 0.2402



15.6278, 0.2981, 0.3224



18.9846, 0.1991, 0.2369



1.5566, 0.2033, 0.2519

Previews

White Background



This preview shows how the Yxy color 44.7753, 0.3966, 0.3574 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 44.7753, 0.3966, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

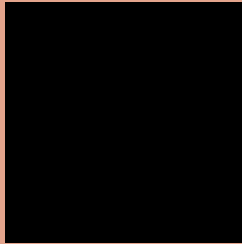
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7753, 0.3966, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 44.7753, 0.3966, 0.3574.



This preview shows how white text looks on a background with the Yxy color 44.7753, 0.3966, 0.3574.

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

44.7753, 0.3966, 0.3574

Protanopia

44.7662, 0.3487, 0.3701

Deuteranopia

45.0708, 0.3777, 0.3702



Tritanopia

44.9432, 0.3694, 0.3153

Trichromacy



Original Color

44.7753, 0.3966, 0.3574

Protanomaly

44.5973, 0.3661, 0.3660

Deuteranomaly

44.8389, 0.3847, 0.3657

Tritanomaly

44.6858, 0.3800, 0.3304

Monochromacy



Original Color

44.7753, 0.3966, 0.3574

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.8590, 0.3413, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7753, 0.3966, 0.3574 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(227, 164, 140)` looks like.

```
.text, #text, p{  
    color:rgb(227, 164, 140)  
}
```

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(227, 164, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 164, 140) }
```

Border

The CSS property to change the border of an element to Yxy 44.7753, 0.3966, 0.3574 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(227, 164, 140) }
```

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

```
.border{ border-color:rgb(227, 164, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 164, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 164, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 164, 140);  
box-shadow:4px 4px 4px 4px rgb(227, 164,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7753, 0.3966, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 164, 140) }
```

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

```
.background{ background-color: rgb(227,  
164, 140) }
```

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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