

Converting Colors

$Yxy(44.0995, 0.4093, 0.3558)$

Have a look what the booklet for
Yxy(44.0995, 0.4093, 0.3558)
contains.

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Color

Yxy(44.0663, 0.4096, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	EA9F88
RGB	234, 159, 136
RGB Percent	92%, 62%, 53%
CMY	0.0824, 0.3764, 0.4667
CMYK	0.00, 0.32, 0.42, 0.08
HSL	14°, 70%, 73%
HSV	14°, 42%, 92%
XYZ	50.7723, 44.0663, 29.1172
YIQ	178.8030, 52.0830, 8.7470

Conversions

Conversions Part 2

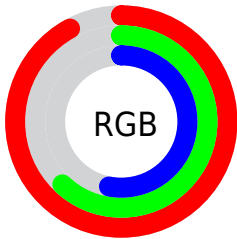
Format	Color
R_{YB}	234, 166, 136
Decimal	15376264
CIE _{Lab}	72.27, 25.21, 23.34
CIE _{LCh}	72, 34.356, 42.798
Yxy	44.0663, 0.4096, 0.3555
Android (android.graphics.Color)	4293566344 (0xFFEA9F88)
YUV	178.8030, -21.1019, 48.4078
Hunter-Lab	66.3825, 20.3556, 20.4614

Details

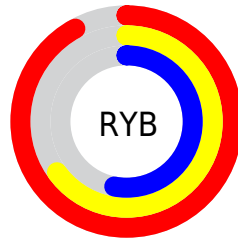
The Yxy color **44.0663, 0.4096, 0.3555** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.7503, 0.2509, 0.3000**, and the grayscale version is **45.0634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0273, 0.3618, 0.3548**, and **20.4174, 0.4382, 0.3601** is the 20% darker color. If you saturate the color by 10%, you get **37.7558, 0.4442, 0.3612**, and if you desaturate by 10%, it is **51.4182, 0.3797, 0.3491**.

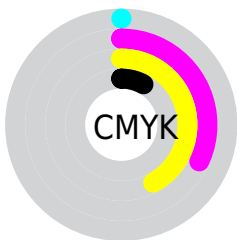
Distribution



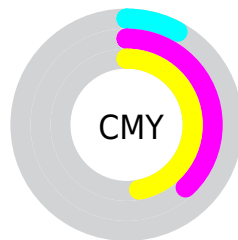
- Red (92%)
- Green (62%)
- Blue (53%)



- Red (92%)
- Yellow (65%)
- Blue (53%)



- Cyan (0%)
- Magenta (32%)
- Yellow (42%)
- Black (8%)





- Cyan (8%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0663, 0.4096, 0.3555 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 44.0663, 0.4096, 0.3555 by changing the saturation by 10% instead.

 44.0663, 0.4096,
0.3555


 44.0663, 0.4096,
0.3555

362.9788, 0.3603,
0.3441


 30.7226, 0.4220,
0.3577


 81.3175, 0.3916,
0.3518

 20.3877, 0.4379,
0.3601

 105.9938, 0.3848,
0.3503

 12.6772, 0.4590,
0.3625


 135.2165, 0.3791,
0.3490

 7.2066, 0.4879,
0.3643


169.3699, 0.3743,
0.3478

 3.5917, 0.5295,
0.3636

208.8384, 0.3701,
0.3467

 1.4479, 0.6256,
0.3744

254.0065, 0.3664,

 0.2516, 0.7725,

0.3457

0.2275

305.2585, 0.3632,
0.3449

0.0000, 0.0000,
0.0000

44.0663, 0.4096,
0.3555

44.0663, 0.4096,
0.3555

37.7558, 0.4442,
0.3612

51.4182, 0.3797,
0.3491

32.4324, 0.4827,
0.3653

59.8497, 0.3544,
0.3425

28.0468, 0.5230,
0.3668

69.4046, 0.3333,
0.3361

24.5424, 0.5615,
0.3646

80.1227, 0.3157,
0.3301

21.8559, 0.5937,
0.3584

92.0417, 0.3011,
0.3245

■ 20.2207, 0.6132,
0.3513

■ 96.2319, 0.2999,
0.3290

Harmonies

Analogous

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



44.0663, 0.3877, 0.3167



44.0663, 0.4096, 0.3555



44.0663, 0.4028, 0.3915

Triad

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



44.0663, 0.4096, 0.3555



44.0663, 0.2778, 0.3831



44.0663, 0.2530, 0.2509

Complementary

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



44.0663, 0.4096, 0.3555



57.7503, 0.2509, 0.3000

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.



44.0663, 0.2287, 0.2609



44.0663, 0.4096, 0.3555



44.0663, 0.2418, 0.3354

Square

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



44.0663, 0.4096, 0.3555



44.0663, 0.3250, 0.4135



44.0663, 0.2247, 0.2903



44.0663, 0.2943, 0.2590

Rectangle

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



44.0663, 0.4096, 0.3555



44.0663, 0.3838, 0.4092



44.0663, 0.2247, 0.2903



44.0663, 0.2428, 0.2521

Sweetspot

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



44.0685, 0.4096, 0.3555



82.9174, 0.3355, 0.3368



39.8064, 0.3389, 0.2475



17.1786, 0.3400, 0.3382



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.



44.0685, 0.4096, 0.3555



47.0711, 0.4382, 0.3603



64.3133, 0.3861, 0.4078



15.6283, 0.3287, 0.3346



11.5233, 0.6106, 0.3533



1.0491, 0.5840, 0.3745

Inverse Universe

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



57.7503, 0.2509, 0.3000



65.6492, 0.2403, 0.2932



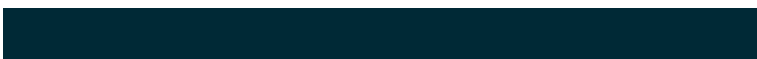
37.0578, 0.2402, 0.2346



16.4872, 0.2981, 0.3233



21.6660, 0.2032, 0.2514



1.8461, 0.2065, 0.2634

Previews

White Background



This preview shows how the Yxy color 44.0663, 0.4096, 0.3555 looks on a white background.

Color Contrast Check

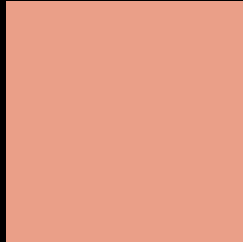
Large Text (above 18pt) WCAG AA × Fail

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 44.0663, 0.4096, 0.3555 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 44.0663, 0.4096, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 44.0663, 0.4096, 0.3555.

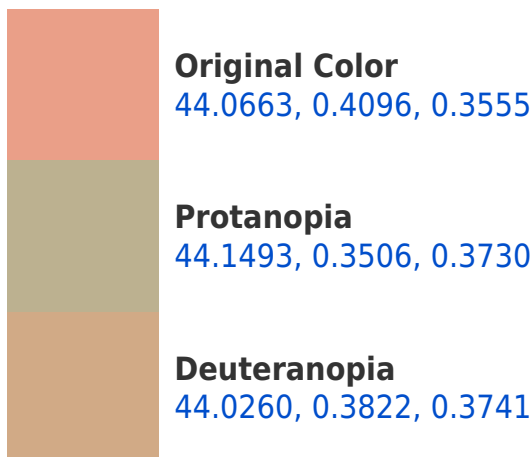


This preview shows how white text looks on a background with the Yxy color 44.0663, 0.4096, 0.3555.

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





Tritanopia

44.2004, 0.3837, 0.3168

Trichromacy



Original Color

44.0663, 0.4096, 0.3555

Protanomaly

43.6517, 0.3718, 0.3659

Deuteranomaly

43.9271, 0.3918, 0.3667

Tritanomaly

43.9764, 0.3936, 0.3304

Monochromacy



Original Color

44.0663, 0.4096, 0.3555

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.2915, 0.3454, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0663, 0.4096, 0.3555 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(234, 159, 136)` looks like.

```
.text, #text, p{  
    color:rgb(234, 159, 136)  
}
```

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(234, 159, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 159, 136) }
```

Border

The CSS property to change the border of an element to Yxy 44.0663, 0.4096, 0.3555 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(234, 159, 136) }
```

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

```
.border{ border-color:rgb(234, 159, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 159, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 159, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 159, 136);  
box-shadow:4px 4px 4px 4px rgb(234, 159,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0663, 0.4096, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 159, 136) }
```

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

```
.background{ background-color: rgb(234,  
159, 136) }
```

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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