

Converting Colors

$Y_{xy}(42.0512, 0.4156, 0.3511)$

Have a look what the booklet for
Yxy(42.0512, 0.4156, 0.3511)
contains.

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Color

Yxy(42.1659, 0.4157, 0.3509)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EB9986 |
| RGB | 235, 153, 134 |
| RGB Percent | 92%, 60%, 53% |
| CMY | 0.0784, 0.4000, 0.4747 |
| CMYK | 0.00, 0.35, 0.43, 0.08 |
| HSL | 11°, 72%, 72% |
| HSV | 11°, 43%, 92% |
| XYZ | 49.9526, 42.1659, 28.0465 |
| YIQ | 175.3520, 54.9710, 11.4750 |

Conversions

Conversions Part 2

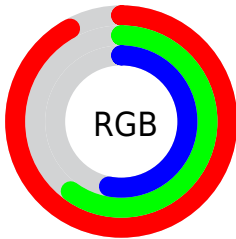
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 235, 157, 134 |
| Decimal | 15440262 |
| CIE Lab | 70.99, 28.56, 22.72 |
| CIE LCh | 71, 36.498, 38.500 |
| Yxy | 42.1659, 0.4157, 0.3509 |
| Android (android.graphics.Color) | 4293630342 (0xFFEB9986) |
| YUV | 175.3520, -20.3865, 52.3113 |
| Hunter-Lab | 64.9353, 23.6775, 19.8465 |

Details

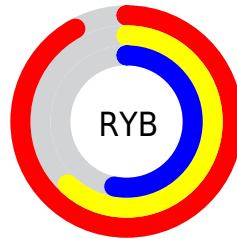
The Yxy color **42.1659, 0.4157, 0.3509** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.1495, 0.2504, 0.3051**, and the grayscale version is **43.1481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9596, 0.3649, 0.3508**, and **19.2946, 0.4474, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **35.8317, 0.4523, 0.3553**, and if you desaturate by 10%, it is **49.6476, 0.3841, 0.3458**.

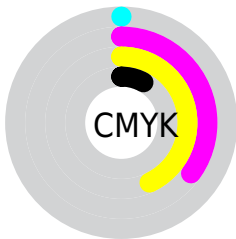
Distribution



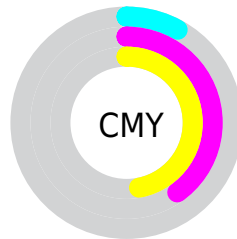
- Red (92%)
- Green (60%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (35%)
- Yellow (43%)
- Black (8%)





- Cyan (8%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1659, 0.4157, 0.3509 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 42.1659, 0.4157, 0.3509 by changing the saturation by 10% instead.


 42.1659, 0.4157,
0.3509

 42.1659, 0.4157,
0.3509


355.1702, 0.3629,
0.3419


 29.2312, 0.4291,
0.3524


 78.4506, 0.3963,
0.3482

 19.2558, 0.4464,
0.3539


 102.5695, 0.3891,
0.3470

 11.8553, 0.4694,
0.3550


 131.1852, 0.3830,
0.3459

 6.6452, 0.5011,
0.3549

164.6821, 0.3778,
0.3449

 3.2412, 0.5470,
0.3510

203.4447, 0.3733,
0.3441

 1.2589, 0.6475,
0.3525

247.8573, 0.3694,

 0.1091, 0.8802,

0.3433

0.1198

298.3043, 0.3659,
0.3426

0.0000, 0.0000,
0.0000

42.1659, 0.4157,
0.3509

42.1659, 0.4157,
0.3509

35.8317, 0.4523,
0.3553

49.6476, 0.3841,
0.3458

30.5815, 0.4931,
0.3582

58.3234, 0.3576,
0.3405

26.3556, 0.5354,
0.3587

68.2452, 0.3356,
0.3353

23.0852, 0.5748,
0.3559

79.4597, 0.3175,
0.3304

20.6928, 0.6060,
0.3498

92.0113, 0.3026,
0.3259

■ 19.4857, 0.6218,
0.3445

■ 96.4017, 0.3005,
0.3290

Harmonies

Analogous

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



42.1659, 0.3880, 0.3098



42.1659, 0.4157, 0.3509



42.1659, 0.4125, 0.3906

Triad

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



42.1659, 0.4157, 0.3509



42.1659, 0.2817, 0.3941



42.1659, 0.2437, 0.2456

Complementary

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



42.1659, 0.4157, 0.3509



60.1495, 0.2504, 0.3051

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.



42.1659, 0.2208, 0.2590



42.1659, 0.4157, 0.3509



42.1659, 0.2409, 0.3434

Square

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



42.1659, 0.4157, 0.3509



42.1659, 0.3331, 0.4227



42.1659, 0.2196, 0.2931



42.1659, 0.2856, 0.2518

Rectangle

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



42.1659, 0.4157, 0.3509



42.1659, 0.3942, 0.4116



42.1659, 0.2196, 0.2931



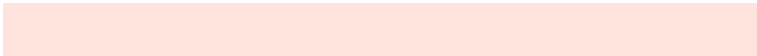
42.1659, 0.2337, 0.2478

Sweetspot

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



42.1680, 0.4157, 0.3509



82.0675, 0.3357, 0.3353



39.6843, 0.3349, 0.2406



16.9712, 0.3403, 0.3364



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.



42.1680, 0.4157, 0.3509



43.6666, 0.4494, 0.3550



62.0954, 0.3906, 0.4048



15.5135, 0.3288, 0.3335



10.9814, 0.6195, 0.3463



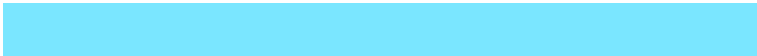
0.9910, 0.5941, 0.3664

Inverse Universe

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



60.1495, 0.2504, 0.3051



67.9814, 0.2395, 0.2991



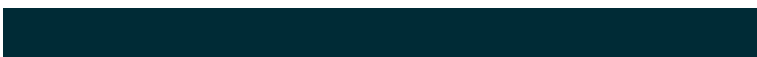
38.3204, 0.2392, 0.2384



16.6110, 0.2981, 0.3245



24.1801, 0.2077, 0.2676



2.0231, 0.2103, 0.2770

Previews

White Background



This preview shows how the Yxy color 42.1659, 0.4157, 0.3509 looks on a white background.

Color Contrast Check

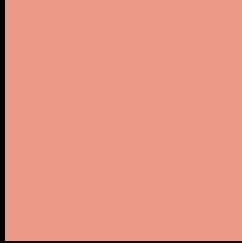
Large Text (above 18pt) WCAG AA × Fail

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 42.1659, 0.4157, 0.3509 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 42.1659, 0.4157, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 42.1659, 0.4157, 0.3509.



This preview shows how white text looks on a background with the Yxy color 42.1659, 0.4157, 0.3509.

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

42.1659, 0.4157, 0.3509

Protanopia

42.4761, 0.3476, 0.3697

Deuteranopia

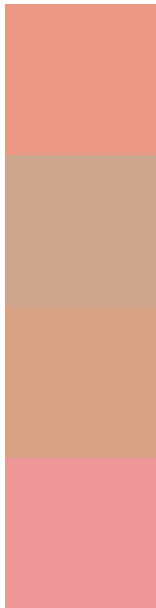
42.2553, 0.3823, 0.3749



Tritanopia

42.0375, 0.3920, 0.3168

Trichromacy



Original Color

42.1659, 0.4157, 0.3509

Protanomaly

41.8624, 0.3723, 0.3625

Deuteranomaly

42.1055, 0.3946, 0.3659

Tritanomaly

41.8799, 0.4002, 0.3281

Monochromacy



Original Color

42.1659, 0.4157, 0.3509

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.0458, 0.3474, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1659, 0.4157, 0.3509 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(235, 153, 134)` looks like.

```
.text, #text, p{  
    color:rgb(235, 153, 134)  
}
```

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(235, 153, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 153, 134) }
```

Border

The CSS property to change the border of an element to Yxy 42.1659, 0.4157, 0.3509 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(235, 153, 134) }
```

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

```
.border{ border-color:rgb(235, 153, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 153, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 153, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 153, 134);  
box-shadow:4px 4px 4px 4px rgb(235, 153,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1659, 0.4157, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 153, 134) }
```

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

```
.background{ background-color: rgb(235,  
153, 134) }
```

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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