

Converting Colors

Yxy(50.2357, 0.3916, 0.3499)

Have a look what the booklet for
Yxy(50.2357, 0.3916, 0.3499)
contains.

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Color

Yxy(50.1889, 0.3911, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	EFAC9A
RGB	239, 172, 154
RGB Percent	94%, 67%, 60%
CMY	0.0625, 0.3256, 0.3960
CMYK	0.00, 0.28, 0.36, 0.06
HSL	13°, 73%, 77%
HSV	13°, 36%, 94%
XYZ	56.1949, 50.1889, 37.3004
YIQ	189.9810, 45.7100, 8.6060

Conversions

Conversions Part 2

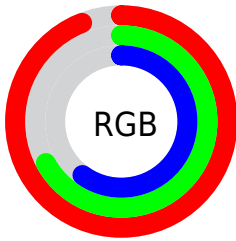
Format	Color
R _Y B	239, 177, 154
Decimal	15707290
CIE Lab	76.19, 22.30, 19.00
CIE LCh	76, 29.297, 40.425
Yxy	50.1889, 0.3911, 0.3493
Android (android.graphics.Color)	4293897370 (0xFFEFAC9A)
YUV	189.9810, -17.7386, 42.9897
Hunter-Lab	70.8441, 17.6124, 18.3739

Details

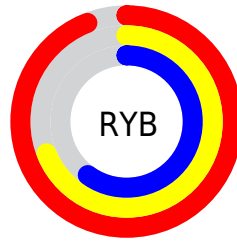
The Yxy color **50.1889, 0.3911, 0.3493** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.8586, 0.2597, 0.3074**, and the grayscale version is **51.5680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3009, 0.3452, 0.3492**, and **23.9967, 0.4128, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **42.7991, 0.4234, 0.3549**, and if you desaturate by 10%, it is **58.7601, 0.3637, 0.3434**.

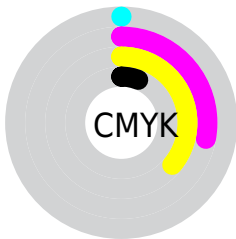
Distribution



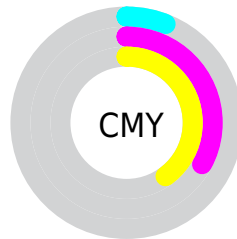
- Red (94%)
- Green (67%)
- Blue (60%)



- Red (94%)
- Yellow (69%)
- Blue (60%)



- Cyan (0%)
- Magenta (28%)
- Yellow (36%)
- Black (6%)





- Cyan (6%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1889, 0.3911, 0.3493 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 50.1889, 0.3911, 0.3493 by changing the saturation by 10% instead.

 50.1889, 0.3911,
0.3493


 50.1889, 0.3911,
0.3493


387.4042, 0.3520,
0.3405

 35.5635, 0.4007,
0.3511


 90.4547, 0.3770,
0.3464

 24.0973, 0.4130,
0.3531


 116.8639, 0.3716,
0.3453

 15.4058, 0.4292,
0.3553


147.9698, 0.3671,
0.3442

 9.1047, 0.4513,
0.3576

184.1569, 0.3632,
0.3433

 4.8095, 0.4831,
0.3592

225.8094, 0.3599,
0.3425

 2.1359, 0.5351,
0.3600

273.3119, 0.3569,

 0.6847, 0.6455,

0.3418

0.3545

327.0487, 0.3543,
0.3411

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.1889, 0.3911,
0.3493

50.1889, 0.3911,
0.3493

42.7991, 0.4234,
0.3549

58.7601, 0.3637,
0.3434

36.5313, 0.4605,
0.3596

68.5542, 0.3408,
0.3375

31.3319, 0.5011,
0.3624

79.6197, 0.3218,
0.3319

27.1396, 0.5423,
0.3623

92.0001, 0.3061,
0.3268

■ 23.8869, 0.5796,
0.3585

■ 97.0995, 0.3030,
0.3290

■ 21.4971, 0.6081,
0.3512

■ 20.6859, 0.6179,
0.3476

Harmonies

Analogous

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



50.1889, 0.3715, 0.3168



50.1889, 0.3911, 0.3493



50.1889, 0.3878, 0.3792

Triad

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



50.1889, 0.3911, 0.3493



50.1889, 0.2874, 0.3752



50.1889, 0.2614, 0.2643

Complementary

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



50.1889, 0.3911, 0.3493



64.8586, 0.2597, 0.3074

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.



50.1889, 0.2421, 0.2746



50.1889, 0.3911, 0.3493



50.1889, 0.2562, 0.3379

Square

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



50.1889, 0.3911, 0.3493



50.1889, 0.3266, 0.3980



50.1889, 0.2402, 0.3006



50.1889, 0.2949, 0.2697

Rectangle

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



50.1889, 0.3911, 0.3493



50.1889, 0.3736, 0.3937



50.1889, 0.2402, 0.3006



50.1889, 0.2531, 0.2659

Sweetspot

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



50.1913, 0.3911, 0.3493



85.0125, 0.3317, 0.3349



46.7495, 0.3315, 0.2567



17.8280, 0.3344, 0.3357



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.



50.1913, 0.3911, 0.3493



51.5149, 0.4151, 0.3536



68.5522, 0.3751, 0.3933



16.3002, 0.3288, 0.3341



11.5793, 0.6155, 0.3495



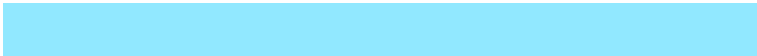
1.1031, 0.5909, 0.3690

Inverse Universe

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



64.8586, 0.2597, 0.3074



70.8859, 0.2497, 0.3020



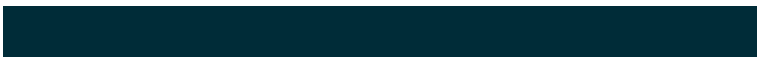
45.5551, 0.2524, 0.2548



17.3287, 0.2981, 0.3239



23.6319, 0.2054, 0.2596



2.1060, 0.2083, 0.2698

Previews

White Background



This preview shows how the Yxy color 50.1889, 0.3911, 0.3493 looks on a white background.

Color Contrast Check

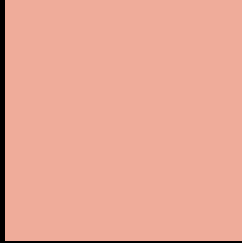
Large Text (above 18pt) WCAG AA × Fail

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 50.1889, 0.3911, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

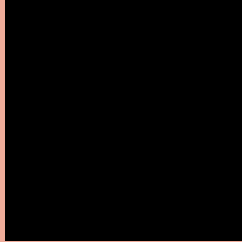
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1889, 0.3911, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 50.1889, 0.3911, 0.3493.



This preview shows how white text looks on a background with the Yxy color 50.1889, 0.3911, 0.3493.

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

50.1889, 0.3911, 0.3493

Protanopia

50.5808, 0.3419, 0.3618

Deuteranopia

50.3748, 0.3712, 0.3637



Tritanopia

50.2187, 0.3697, 0.3149

Trichromacy



Original Color

50.1889, 0.3911, 0.3493

Protanomaly

50.1052, 0.3593, 0.3570

Deuteranomaly

50.3094, 0.3777, 0.3583

Tritanomaly

50.0170, 0.3780, 0.3270

Monochromacy



Original Color

50.1889, 0.3911, 0.3493

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.4512, 0.3392, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1889, 0.3911, 0.3493 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(239, 172, 154)` looks like.

```
.text, #text, p{  
    color:rgb(239, 172, 154)  
}
```

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(239, 172, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 172, 154) }
```

Border

The CSS property to change the border of an element to Yxy 50.1889, 0.3911, 0.3493 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(239, 172, 154) }
```

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

```
.border{ border-color:rgb(239, 172, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 172, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 172, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 172, 154);  
box-shadow:4px 4px 4px 4px rgb(239, 172,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1889, 0.3911, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 172, 154) }
```

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

```
.background{ background-color: rgb(239,  
172, 154) }
```

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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