

Converting Colors

$Y_{xy}(45.5036, 0.3904, 0.3372)$

Have a look what the booklet for
Yxy(45.5036, 0.3904, 0.3372)
contains.

Yxy(45.3153, 0.3908, 0.3372)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.3153, 0.3908, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	EAA19A
RGB	234, 161, 154
RGB Percent	92%, 63%, 60%
CMY	0.0822, 0.3687, 0.3960
CMYK	0.00, 0.31, 0.34, 0.08
HSL	5°, 66%, 76%
HSV	5°, 34%, 92%
XYZ	52.5184, 45.3153, 36.5533
YIQ	182.0290, 45.7550, 13.2990

Conversions

Conversions Part 2

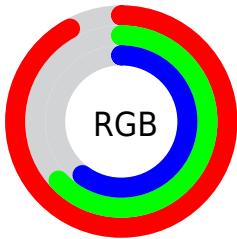
Format	Color
R_{YB}	234, 162, 154
Decimal	15376794
CIE Lab	73.10, 26.25, 14.62
CIE LCh	73, 30.042, 29.116
Yxy	45.3153, 0.3908, 0.3372
Android (android.graphics.Color)	4293566874 (0xFFEAA19A)
YUV	182.0290, -13.8183, 45.5786
Hunter-Lab	67.3166, 21.4563, 14.9269

Details

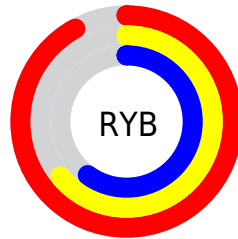
The Yxy color **45.3153, 0.3908, 0.3372** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.7816, 0.2632, 0.3205**, and the grayscale version is **46.8555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9258, 0.3474, 0.3372**, and **21.1467, 0.4130, 0.3382** is the 20% darker color. If you saturate the color by 10%, you get **37.7736, 0.4255, 0.3396**, and if you desaturate by 10%, it is **54.2888, 0.3620, 0.3347**.

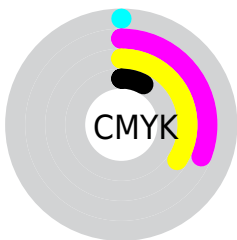
Distribution



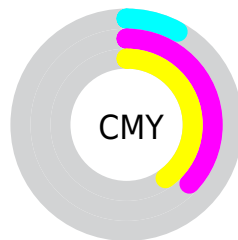
- Red (92%)
- Green (63%)
- Blue (60%)



- Red (92%)
- Yellow (64%)
- Blue (60%)



- Cyan (0%)
- Magenta (31%)
- Yellow (34%)
- Black (8%)





- Cyan (8%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3153, 0.3908, 0.3372 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 45.3153, 0.3908, 0.3372 by changing the saturation by 10% instead.


 45.3153, 0.3908,
0.3372

 45.3153, 0.3908,
0.3372


368.0490, 0.3512,
0.3342

 31.7058, 0.4008,
0.3376


 83.1934, 0.3763,
0.3364

 21.1369, 0.4137,
0.3379


 108.2307, 0.3709,
0.3360

 13.2241, 0.4310,
0.3379


137.8462, 0.3663,
0.3356

 7.5831, 0.4550,
0.3371

172.4242, 0.3624,
0.3353

 3.8293, 0.4907,
0.3344

212.3491, 0.3590,
0.3350

 1.5786, 0.5540,
0.3296

258.0053, 0.3561,

 0.3431, 0.7393,

0.3347

0.2607

309.7771, 0.3535,
0.3344

0.0000, 0.0000,
0.0000

45.3153, 0.3908,
0.3372

45.3153, 0.3908,
0.3372

37.7736, 0.4255,
0.3396

54.2888, 0.3620,
0.3347

31.5834, 0.4662,
0.3415

64.7560, 0.3386,
0.3322

26.6667, 0.5112,
0.3425

76.7829, 0.3196,
0.3299

22.9346, 0.5567,
0.3421

90.4299, 0.3042,
0.3278

20.2869, 0.5966,
0.3399

96.2385, 0.3000,
0.3290

■ 18.6066, 0.6245,
0.3362

■ 18.0136, 0.6347,
0.3343

Harmonies

Analogous

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



45.3153, 0.3621, 0.3039



45.3153, 0.3908, 0.3372



45.3153, 0.3966, 0.3708

Triad

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



45.3153, 0.3908, 0.3372



45.3153, 0.3009, 0.3900



45.3153, 0.2487, 0.2626

Complementary

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



45.3153, 0.3908, 0.3372



67.7816, 0.2632, 0.3205

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.



45.3153, 0.2351, 0.2797



45.3153, 0.3908, 0.3372



45.3153, 0.2637, 0.3542

Square

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



45.3153, 0.3908, 0.3372



45.3153, 0.3430, 0.4054



45.3153, 0.2403, 0.3126



45.3153, 0.2790, 0.2624

Rectangle

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



45.3153, 0.3908, 0.3372



45.3153, 0.3868, 0.3895



45.3153, 0.2403, 0.3126



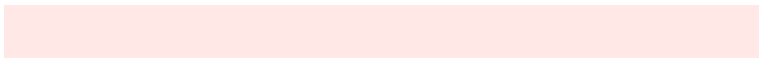
45.3153, 0.2422, 0.2664

Sweetspot

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



45.3175, 0.3908, 0.3372



84.5033, 0.3302, 0.3313



46.1785, 0.3224, 0.2505



17.6547, 0.3330, 0.3316



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.



45.3175, 0.3908, 0.3372



48.4692, 0.4145, 0.3389



61.4611, 0.3757, 0.3810



15.2652, 0.3291, 0.3311



10.1943, 0.6333, 0.3354



0.8733, 0.6172, 0.3482

Inverse Universe

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



67.7816, 0.2632, 0.3205



79.5855, 0.2547, 0.3186



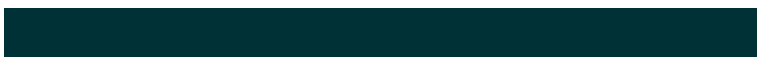
48.5038, 0.2567, 0.2705



16.8840, 0.2981, 0.3269



30.3414, 0.2171, 0.3015



2.4486, 0.2182, 0.3056

Previews

White Background



This preview shows how the Yxy color 45.3153, 0.3908, 0.3372 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 45.3153, 0.3908, 0.3372 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 45.3153, 0.3908, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 45.3153, 0.3908, 0.3372.



This preview shows how white text looks on a background with the Yxy color 45.3153, 0.3908, 0.3372.

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

45.3153, 0.3908, 0.3372

Protanopia

45.4493, 0.3330, 0.3501

Deuteranopia

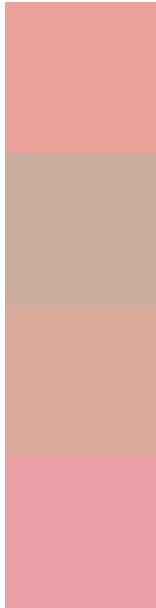
45.4195, 0.3626, 0.3554



Tritanopia

45.2269, 0.3767, 0.3145

Trichromacy



Original Color

45.3153, 0.3908, 0.3372

Protanomaly

44.8805, 0.3528, 0.3442

Deuteranomaly

45.4276, 0.3725, 0.3486

Tritanomaly

45.1751, 0.3814, 0.3224

Monochromacy



Original Color

45.3153, 0.3908, 0.3372

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.6682, 0.3389, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3153, 0.3908, 0.3372 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, 161, 154)` looks like.

```
.text, #text, p{  
    color:rgb(234, 161, 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(234, 161, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 161, 154) }
```

Border

The CSS property to change the border of an element to Yxy 45.3153, 0.3908, 0.3372 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, 161, 154) }
```

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

```
.border{ border-color:rgb(234, 161, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 161, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 161, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 161, 154);  
box-shadow:4px 4px 4px 4px rgb(234, 161,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3153, 0.3908, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 161, 154) }
```

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

```
.background{ background-color: rgb(234,  
161, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor