

Converting Colors

Yxy(52.2484, 0.3817, 0.3463)

Have a look what the booklet for
Yxy(52.2484, 0.3817, 0.3463)
contains.

Yxy(52.2301, 0.3809, 0.3460)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.2301, 0.3809, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	EEB1A2
RGB	238, 177, 162
RGB Percent	93%, 69%, 64%
CMY	0.0667, 0.3058, 0.3648
CMYK	0.00, 0.26, 0.32, 0.07
HSL	12°, 69%, 78%
HSV	12°, 32%, 93%
XYZ	57.4984, 52.2301, 41.2256
YIQ	193.5290, 41.1710, 8.2670

Conversions

Conversions Part 2

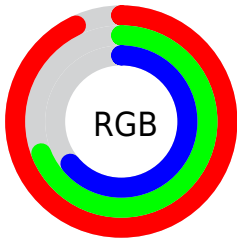
Format	Color
RYB	238, 181, 162
Decimal	15643042
CIELab	77.42, 20.21, 16.38
CIELCh	77, 26.011, 39.025
Yxy	52.2301, 0.3809, 0.3460
Android (android.graphics.Color)	4293833122 (0xFFEEB1A2)
YUV	193.5290, -15.5438, 39.0011
Hunter-Lab	72.2704, 15.5416, 16.7682

Details

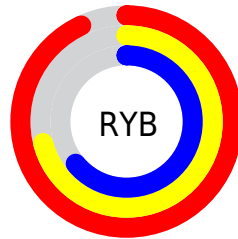
The Yxy color **52.2301, 0.3809, 0.3460** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.6025, 0.2649, 0.3112**, and the grayscale version is **53.7317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5476, 0.3383, 0.3450**, and **25.3648, 0.4008, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **44.4422, 0.4117, 0.3514**, and if you desaturate by 10%, it is **61.2383, 0.3550, 0.3404**.

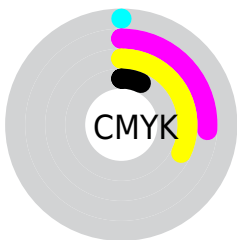
Distribution



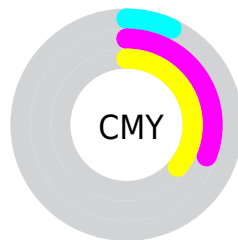
- Red (93%)
- Green (69%)
- Blue (64%)



- Red (93%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (26%)
- Yellow (32%)
- Black (7%)





- Cyan (7%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2301, 0.3809, 0.3460 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 52.2301, 0.3809, 0.3460 by changing the saturation by 10% instead.


 52.2301, 0.3809,
0.3460

 52.2301, 0.3809,
0.3460


395.3243, 0.3471,
0.3386

 37.1885, 0.3892,
0.3475


 93.4705, 0.3687,
0.3435

 25.3535, 0.3997,
0.3493


 120.4381, 0.3641,
0.3426

 16.3406, 0.4136,
0.3513


152.1498, 0.3602,
0.3417

 9.7655, 0.4325,
0.3536

188.9901, 0.3569,
0.3409

 5.2438, 0.4598,
0.3556

231.3433, 0.3539,
0.3402

 2.3910, 0.5018,
0.3561

279.5938, 0.3514,

 0.8212, 0.6221,

0.3396

0.3779

334.1260, 0.3491,
0.3391

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.2301, 0.3809,
0.3460

52.2301, 0.3809,
0.3460

44.4422, 0.4117,
0.3514

61.2383, 0.3550,
0.3404

37.8145, 0.4476,
0.3562

71.5087, 0.3335,
0.3350

32.2929, 0.4877,
0.3595

83.0904, 0.3158,
0.3299

27.8161, 0.5296,
0.3604

95.8865, 0.3023,
0.3274

■ 24.3165, 0.5693,
0.3580

■ 96.9144, 0.3023,
0.3290

■ 21.7179, 0.6016,
0.3520

■ 20.2126, 0.6203,
0.3457

Harmonies

Analogous

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



52.2301, 0.3630, 0.3172



52.2301, 0.3809, 0.3460



52.2301, 0.3792, 0.3725

Triad

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



52.2301, 0.3809, 0.3460



52.2301, 0.2922, 0.3705



52.2301, 0.2664, 0.2720

Complementary

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



52.2301, 0.3809, 0.3460



66.6025, 0.2649, 0.3112

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.



52.2301, 0.2499, 0.2821



52.2301, 0.3809, 0.3460



52.2301, 0.2641, 0.3386

Square

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



52.2301, 0.3809, 0.3460



52.2301, 0.3268, 0.3895



52.2301, 0.2490, 0.3058



52.2301, 0.2956, 0.2760

Rectangle

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



52.2301, 0.3809, 0.3460



52.2301, 0.3674, 0.3853



52.2301, 0.2490, 0.3058



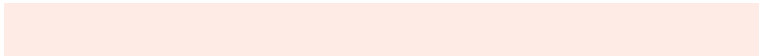
52.2301, 0.2593, 0.2737

Sweetspot

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



52.2326, 0.3809, 0.3460



86.1005, 0.3299, 0.3340



49.3942, 0.3281, 0.2629



18.0379, 0.3326, 0.3348



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.



52.2326, 0.3809, 0.3460



55.2806, 0.3994, 0.3494



68.8338, 0.3684, 0.3853



16.2649, 0.3288, 0.3337



11.4216, 0.6180, 0.3475



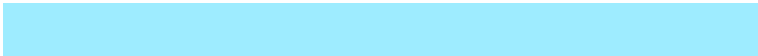
1.0852, 0.5938, 0.3667

Inverse Universe

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



66.6025, 0.2649, 0.3112



74.3960, 0.2565, 0.3072



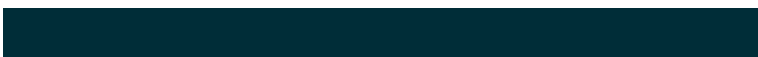
48.9912, 0.2593, 0.2653



17.3668, 0.2981, 0.3242



24.4017, 0.2068, 0.2643



2.1637, 0.2094, 0.2738

Previews

White Background



This preview shows how the Yxy color 52.2301, 0.3809, 0.3460 looks on a white background.

Color Contrast Check

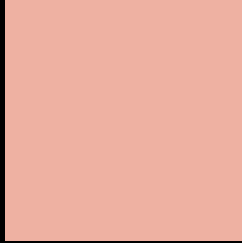
Large Text (above 18pt) WCAG AA × Fail

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 52.2301, 0.3809, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

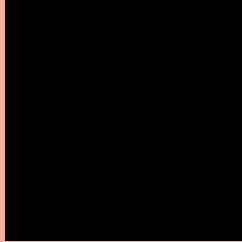
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2301, 0.3809, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 52.2301, 0.3809, 0.3460.



This preview shows how white text looks on a background with the Yxy color 52.2301, 0.3809, 0.3460.

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

52.2301, 0.3809, 0.3460

Protanopia

52.4055, 0.3374, 0.3564

Deuteranopia

52.2263, 0.3642, 0.3562



Tritanopia

52.1758, 0.3620, 0.3138

Trichromacy



Original Color

52.2301, 0.3809, 0.3460

Protanomaly

52.1671, 0.3532, 0.3531

Deuteranomaly

51.9518, 0.3705, 0.3523

Tritanomaly

52.0117, 0.3690, 0.3247

Monochromacy



Original Color

52.2301, 0.3809, 0.3460

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.0455, 0.3360, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2301, 0.3809, 0.3460 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(238, 177, 162)` looks like.

```
.text, #text, p{  
    color:rgb(238, 177, 162)  
}
```

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(238, 177, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 177, 162) }
```

Border

The CSS property to change the border of an element to Yxy 52.2301, 0.3809, 0.3460 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(238, 177, 162) }
```

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

```
.border{ border-color:rgb(238, 177, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 177, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 177, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 177, 162);  
box-shadow:4px 4px 4px 4px rgb(238, 177,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2301, 0.3809, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 177, 162) }
```

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

```
.background{ background-color: rgb(238,  
177, 162) }
```

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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