

Converting Colors

Yxy(38.6858, 0.4161, 0.3573)

Have a look what the booklet for
Yxy(38.6858, 0.4161, 0.3573)
contains.

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Color

Yxy(38.8229, 0.4164, 0.3577)

Conversions

Conversions Part 1

Format	Color
Hex	E0957D
RGB	224, 149, 125
RGB Percent	88%, 58%, 49%
CMY	0.1215, 0.4157, 0.5097
CMYK	0.00, 0.33, 0.44, 0.12
HSL	15°, 62%, 68%
HSV	15°, 44%, 88%
XYZ	45.1939, 38.8229, 24.5180
YIQ	168.6890, 52.4040, 8.4360

Conversions

Conversions Part 2

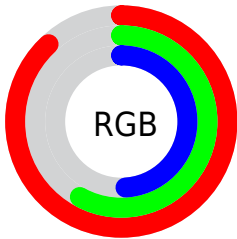
Format	Color
R _Y B	224, 157, 125
Decimal	14718333
CIE Lab	68.62, 25.50, 24.23
CIE LCh	69, 35.175, 43.528
Yxy	38.8229, 0.4164, 0.3577
Android (android.graphics.Color)	4292908413 (0xFFE0957D)
YUV	168.6890, -21.5387, 48.5077
Hunter-Lab	62.3080, 20.4324, 20.2852

Details

The Yxy color **38.8229, 0.4164, 0.3577** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.0674, 0.2478, 0.2973**, and the grayscale version is **39.6051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6601, 0.3730, 0.3562**, and **17.3642, 0.4474, 0.3631** is the 20% darker color. If you saturate the color by 10%, you get **33.3299, 0.4516, 0.3633**, and if you desaturate by 10%, it is **45.2317, 0.3857, 0.3512**.

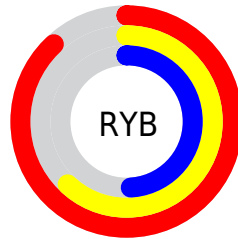
Distribution



Red (88%)

Green (58%)

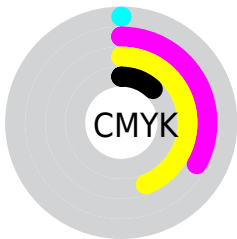
Blue (49%)



Red (88%)

Yellow (62%)

Blue (49%)

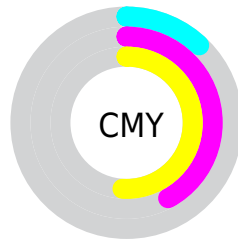


Cyan (0%)

Magenta (33%)

Yellow (44%)

Black (12%)



Cyan (12%)


Magenta (42%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8229, 0.4164, 0.3577 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 38.8229, 0.4164, 0.3577 by changing the saturation by 10% instead.


 38.8229, 0.4164,
0.3577


 38.8229, 0.4164,
0.3577


341.1370, 0.3626,
0.3452


 26.6220, 0.4303,
0.3601


 73.3677, 0.3965,
0.3537

 17.2895, 0.4482,
0.3626


 96.4804, 0.3891,
0.3520

 10.4411, 0.4722,
0.3649


 123.9991, 0.3829,
0.3505

 5.6924, 0.5056,
0.3662

156.3082, 0.3776,
0.3492

 2.6590, 0.5583,
0.3659

193.7922, 0.3731,
0.3480

 0.9564, 0.6446,
0.3554

236.8353, 0.3691,

 0.0000, 1.0000,

0.3470

0.0000

285.8221, 0.3657,
0.3460

0.0000, 0.0000,
0.0000

38.8229, 0.4164,
0.3577

38.8229, 0.4164,
0.3577

33.3299, 0.4516,
0.3633

45.2317, 0.3857,
0.3512

28.7044, 0.4903,
0.3671

52.5902, 0.3596,
0.3444

24.9023, 0.5302,
0.3680

60.9375, 0.3377,
0.3378

21.8730, 0.5674,
0.3650

70.3090, 0.3194,
0.3315

19.5595, 0.5976,
0.3579

80.7379, 0.3042,
0.3257

■ 18.5131, 0.6113,
0.3528

■ 91.9681, 0.2940,
0.3248

■ 94.5898, 0.2941,
0.3289

Harmonies

Analogous

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



38.8229, 0.3938, 0.3166



38.8229, 0.4164, 0.3577



38.8229, 0.4081, 0.3960

Triad

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



38.8229, 0.4164, 0.3577



38.8229, 0.2742, 0.3860



38.8229, 0.2500, 0.2460

Complementary

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



38.8229, 0.4164, 0.3577



51.0674, 0.2478, 0.2973

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.



38.8229, 0.2239, 0.2560



38.8229, 0.4164, 0.3577



38.8229, 0.2365, 0.3343

Square

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



38.8229, 0.4164, 0.3577



38.8229, 0.3242, 0.4192



38.8229, 0.2191, 0.2865



38.8229, 0.2942, 0.2552

Rectangle

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



38.8229, 0.4164, 0.3577



38.8229, 0.3873, 0.4149



38.8229, 0.2191, 0.2865



38.8229, 0.2391, 0.2471

Sweetspot

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



38.8248, 0.4164, 0.3577



83.0530, 0.3355, 0.3371



34.7337, 0.3407, 0.2434



17.2117, 0.3400, 0.3385



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.



38.8248, 0.4164, 0.3577



45.2608, 0.4486, 0.3629



57.5433, 0.3904, 0.4118



14.2370, 0.3286, 0.3347



10.9248, 0.6088, 0.3548



0.8960, 0.5786, 0.3788

Inverse Universe

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



51.0674, 0.2478, 0.2973



63.5833, 0.2365, 0.2894



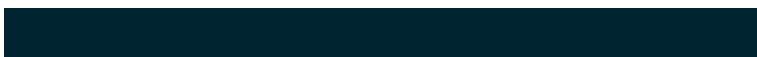
32.0107, 0.2360, 0.2286



14.9803, 0.2982, 0.3232



19.9972, 0.2025, 0.2490



1.5225, 0.2063, 0.2628

Previews

White Background



This preview shows how the Yxy color 38.8229, 0.4164, 0.3577 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 38.8229, 0.4164, 0.3577 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 38.8229, 0.4164, 0.3577

Background



This preview shows how black text looks on a background with the Yxy color 38.8229, 0.4164, 0.3577.



This preview shows how white text looks on a background with the Yxy color 38.8229, 0.4164, 0.3577.

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

38.8229, 0.4164, 0.3577

Protanopia

38.7959, 0.3536, 0.3768

Deuteranopia

39.0619, 0.3867, 0.3788



Tritanopia

38.9820, 0.3879, 0.3163

Trichromacy



Original Color

38.8229, 0.4164, 0.3577

Protanomaly

38.3554, 0.3763, 0.3691

Deuteranomaly

38.9791, 0.3969, 0.3709

Tritanomaly

38.7709, 0.3985, 0.3304

Monochromacy



Original Color

38.8229, 0.4164, 0.3577

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.9594, 0.3473, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8229, 0.4164, 0.3577 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(224, 149, 125)` looks like.

```
.text, #text, p{  
    color:rgb(224, 149, 125)  
}
```

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(224, 149, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 149, 125) }
```

Border

The CSS property to change the border of an element to Yxy 38.8229, 0.4164, 0.3577 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(224, 149, 125) }
```

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

```
.border{ border-color:rgb(224, 149, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 149, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 149, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 149, 125);  
box-shadow:4px 4px 4px 4px rgb(224, 149,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8229, 0.4164, 0.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 149, 125) }
```

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

```
.background{ background-color: rgb(224,  
149, 125) }
```

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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