

Converting Colors

$Yxy(38.8813, 0.3962, 0.3378)$

Have a look what the booklet for
Yxy(38.8813, 0.3962, 0.3378)
contains.

Yxy(38.9775, 0.3964, 0.3377)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.9775, 0.3964, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	DE958E
RGB	222, 149, 142
RGB Percent	87%, 58%, 56%
CMY	0.1294, 0.4157, 0.4433
CMYK	0.00, 0.33, 0.36, 0.13
HSL	5°, 55%, 71%
HSV	5°, 36%, 87%
XYZ	45.7527, 38.9775, 30.6903
YIQ	170.0290, 45.7550, 13.2990

Conversions

Conversions Part 2

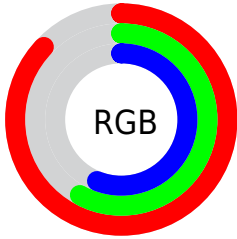
Format	Color
R _Y B	222, 150, 142
Decimal	14587278
CIE Lab	68.73, 26.62, 14.96
CIE LCh	69, 30.538, 29.337
Yxy	38.9775, 0.3964, 0.3377
Android (android.graphics.Color)	4292777358 (0xFFDE958E)
YUV	170.0290, -13.8183, 45.5786
Hunter-Lab	62.4320, 21.5561, 14.5566

Details

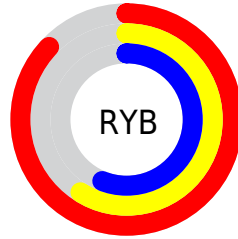
The Yxy color **38.9775, 0.3964, 0.3377** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.6040, 0.2610, 0.3200**, and the grayscale version is **40.2669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4313, 0.3589, 0.3374**, and **17.3214, 0.4229, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **32.5178, 0.4321, 0.3400**, and if you desaturate by 10%, it is **46.6875, 0.3667, 0.3352**.

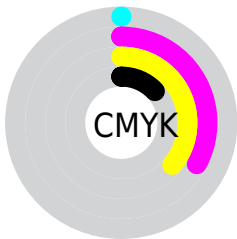
Distribution



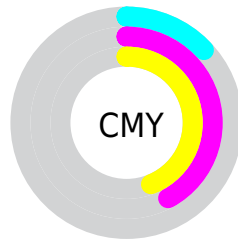
- Red (87%)
- Green (58%)
- Blue (56%)



- Red (87%)
- Yellow (59%)
- Blue (56%)



- Cyan (0%)
- Magenta (33%)
- Yellow (36%)
- Black (13%)



- Cyan (13%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9775, 0.3964, 0.3377 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 38.9775, 0.3964, 0.3377 by changing the saturation by 10% instead.

 38.9775, 0.3964,
0.3377


 38.9775, 0.3964,
0.3377


341.7948, 0.3529,
0.3345

 26.7422, 0.4078,
0.3381


 73.6039, 0.3802,
0.3368

 17.3797, 0.4226,
0.3383


 96.7639, 0.3742,
0.3364

 10.5056, 0.4427,
0.3380


 124.3342, 0.3692,
0.3360

 5.7354, 0.4715,
0.3366

156.6993, 0.3650,
0.3357

 2.6849, 0.5155,
0.3319

194.2435, 0.3613,
0.3354

 0.9695, 0.6481,
0.3494

237.3512, 0.3581,

 0.0000, 1.0000,

0.3351

0.0000

286.4068, 0.3553,
0.3348

■ 0.0000, 0.0000,
0.0000

■ 38.9775, 0.3964,
0.3377

■ 38.9775, 0.3964,
0.3377

■ 32.5178, 0.4321,
0.3400

■ 46.6875, 0.3667,
0.3352

■ 27.2372, 0.4735,
0.3418

■ 55.7028, 0.3424,
0.3327

■ 23.0661, 0.5187,
0.3426

■ 66.0823, 0.3228,
0.3303

■ 19.9249, 0.5636,
0.3420

■ 77.8791, 0.3068,
0.3282

■ 17.7238, 0.6019,
0.3395

■ 91.1440, 0.2939,
0.3262

■ 16.3572, 0.6275,
0.3357

■ 94.2700, 0.2929,
0.3289

■ 16.0137, 0.6343,
0.3345

Harmonies

Analogous

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



38.9775, 0.3658, 0.3025



38.9775, 0.3964, 0.3377



38.9775, 0.4023, 0.3734

Triad

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



38.9775, 0.3964, 0.3377



38.9775, 0.2996, 0.3943



38.9775, 0.2448, 0.2583

Complementary

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



38.9775, 0.3964, 0.3377



59.6040, 0.2610, 0.3200

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.



38.9775, 0.2303, 0.2761



38.9775, 0.3964, 0.3377



38.9775, 0.2601, 0.3556

Square

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



38.9775, 0.3964, 0.3377



38.9775, 0.3445, 0.4109



38.9775, 0.2355, 0.3109



38.9775, 0.2769, 0.2583

Rectangle

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



38.9775, 0.3964, 0.3377



38.9775, 0.3916, 0.3935



38.9775, 0.2355, 0.3109



38.9775, 0.2378, 0.2622

Sweetspot

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



38.9794, 0.3964, 0.3377



83.0730, 0.3321, 0.3315



39.7900, 0.3229, 0.2466



17.3696, 0.3349, 0.3318



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.



38.9794, 0.3964, 0.3377



46.7559, 0.4218, 0.3394



53.7289, 0.3795, 0.3838



13.8933, 0.3290, 0.3311



9.5795, 0.6330, 0.3356



0.7319, 0.6150, 0.3499

Inverse Universe

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



59.6040, 0.2610, 0.3200



78.7918, 0.2524, 0.3179



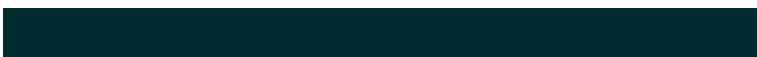
41.8051, 0.2537, 0.2669



15.3553, 0.2982, 0.3269



28.4390, 0.2170, 0.3013



2.0326, 0.2183, 0.3059

Previews

White Background



This preview shows how the Yxy color 38.9775, 0.3964, 0.3377 looks on a white background.

Color Contrast Check

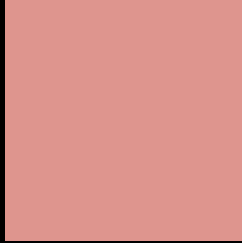
Large Text (above 18pt) WCAG AA × Fail

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 38.9775, 0.3964, 0.3377 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 38.9775, 0.3964, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 38.9775, 0.3964, 0.3377.



This preview shows how white text looks on a background with the Yxy color 38.9775, 0.3964, 0.3377.

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

38.9775, 0.3964, 0.3377

Protanopia

39.3536, 0.3341, 0.3528

Deuteranopia

39.2034, 0.3648, 0.3584



Tritanopia

39.0240, 0.3810, 0.3161

Trichromacy



Original Color

38.9775, 0.3964, 0.3377

Protanomaly

38.8343, 0.3554, 0.3465

Deuteranomaly

38.8744, 0.3758, 0.3498

Tritanomaly

39.1348, 0.3871, 0.3244

Monochromacy



Original Color

38.9775, 0.3964, 0.3377

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.1975, 0.3407, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9775, 0.3964, 0.3377 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(222, 149, 142)` looks like.

```
.text, #text, p{  
    color:rgb(222, 149, 142)  
}
```

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(222, 149, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 149, 142) }
```

Border

The CSS property to change the border of an element to Yxy 38.9775, 0.3964, 0.3377 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(222, 149, 142) }
```

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

```
.border{ border-color:rgb(222, 149, 142) }
```

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

Here you see how a box with a 4 pixel rgb(222, 149, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 149, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 149, 142);  
box-shadow:4px 4px 4px 4px rgb(222, 149,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9775, 0.3964, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 149, 142) }
```

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

```
.background{ background-color: rgb(222,  
149, 142) }
```

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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