

Converting Colors

$Yxy(37.5081, 0.4071, 0.3461)$

Have a look what the booklet for
Yxy(37.5081, 0.4071, 0.3461)
contains.

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Color

Yxy(37.5959, 0.4075, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	DD9284
RGB	221, 146, 132
RGB Percent	87%, 57%, 52%
CMY	0.1333, 0.4274, 0.4822
CMYK	0.00, 0.34, 0.40, 0.13
HSL	9°, 57%, 69%
HSV	9°, 40%, 87%
XYZ	44.2656, 37.5959, 26.7658
YIQ	166.8290, 49.1940, 11.5460

Conversions

Conversions Part 2

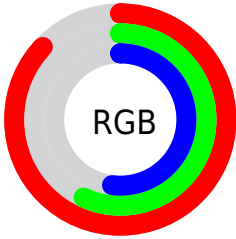
Format	Color
R _{YB}	221, 149, 132
Decimal	14520964
CIE Lab	67.72, 26.70, 19.06
CIE LCh	68, 32.803, 35.527
Yxy	37.5959, 0.4075, 0.3461
Android (android.graphics.Color)	4292711044 (0xFFDD9284)
YUV	166.8290, -17.1707, 47.5080
Hunter-Lab	61.3155, 21.5627, 17.0393

Details

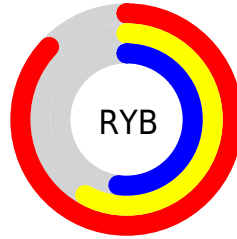
The Yxy color **37.5959, 0.4075, 0.3461** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.7743, 0.2547, 0.3107**, and the grayscale version is **38.6253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0713, 0.3686, 0.3447**, and **16.5801, 0.4372, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **31.7715, 0.4436, 0.3500**, and if you desaturate by 10%, it is **44.4882, 0.3768, 0.3418**.

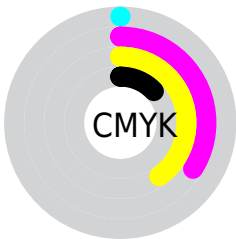
Distribution



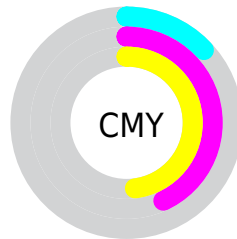
- Red (87%)
- Green (57%)
- Blue (52%)



- Red (87%)
- Yellow (58%)
- Blue (52%)



- Cyan (0%)
- Magenta (34%)
- Yellow (40%)
- Black (13%)





- Cyan (13%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5959, 0.4075, 0.3461 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 37.5959, 0.4075, 0.3461 by changing the saturation by 10% instead.


 37.5959, 0.4075,
0.3461


 37.5959, 0.4075,
0.3461


335.8833, 0.3579,
0.3390

 25.6692, 0.4205,
0.3473


 71.4883, 0.3890,
0.3439

 16.5763, 0.4374,
0.3484


 94.2229, 0.3822,
0.3430

 9.9329, 0.4604,
0.3492


 121.3288, 0.3765,
0.3421

 5.3545, 0.4931,
0.3486

153.1905, 0.3717,
0.3414

 2.4567, 0.5429,
0.3444

190.1924, 0.3675,
0.3407

 0.8548, 0.6560,
0.3440

232.7190, 0.3639,

 0.0000, 1.0000,

0.3401

0.0000

281.1544, 0.3607,
0.3395

■ 0.0000, 0.0000,
0.0000

■ 37.5959, 0.4075,
0.3461

■ 37.5959, 0.4075,
0.3461

■ 31.7715, 0.4436,
0.3500

■ 44.4882, 0.3768,
0.3418

■ 26.9561, 0.4844,
0.3527

■ 52.4927, 0.3513,
0.3373

■ 23.0933, 0.5277,
0.3536

■ 61.6576, 0.3303,
0.3331


■ 20.1191, 0.5692,
0.3518

■ 72.0267, 0.3131,
0.3291

■ 17.9610, 0.6035,
0.3471

■ 83.6418, 0.2990,
0.3254

 16.5568, 0.6263,
0.3409

 94.1130, 0.2923,
0.3289

Harmonies

Analogous

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



37.5959, 0.3791, 0.3076



37.5959, 0.4075, 0.3461



37.5959, 0.4076, 0.3838

Triad

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



37.5959, 0.4075, 0.3461



37.5959, 0.2885, 0.3933



37.5959, 0.2449, 0.2511

Complementary

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



37.5959, 0.4075, 0.3461



54.7743, 0.2547, 0.3107

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.



37.5959, 0.2252, 0.2659



37.5959, 0.4075, 0.3461



37.5959, 0.2486, 0.3476

Square

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



37.5959, 0.4075, 0.3461



37.5959, 0.3369, 0.4172



37.5959, 0.2264, 0.2999



37.5959, 0.2829, 0.2551

Rectangle

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



37.5959, 0.4075, 0.3461



37.5959, 0.3923, 0.4041



37.5959, 0.2264, 0.2999



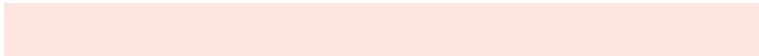
37.5959, 0.2362, 0.2538

Sweetspot

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



37.5977, 0.4075, 0.3461



82.8146, 0.3339, 0.3338



36.4224, 0.3301, 0.2433



17.3570, 0.3365, 0.3344



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.



37.5977, 0.4075, 0.3461



45.3380, 0.4364, 0.3493



53.8087, 0.3861, 0.3967



13.3799, 0.3288, 0.3327



9.7238, 0.6242, 0.3426



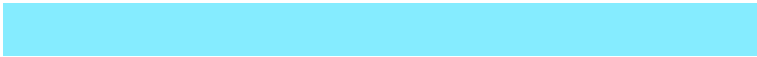
0.7349, 0.5961, 0.3649

Inverse Universe

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



54.7743, 0.2547, 0.3107



72.0428, 0.2450, 0.3064



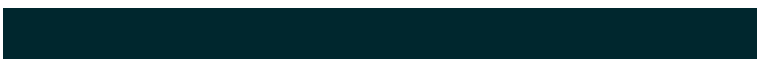
36.3856, 0.2451, 0.2498



14.4633, 0.2982, 0.3252



23.6468, 0.2107, 0.2785



1.6276, 0.2132, 0.2876

Previews

White Background



This preview shows how the Yxy color 37.5959, 0.4075, 0.3461 looks on a white background.

Color Contrast Check

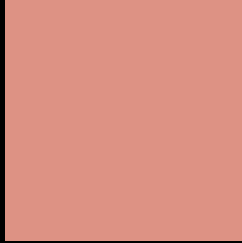
Large Text (above 18pt) WCAG AA × Fail

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 37.5959, 0.4075, 0.3461 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 37.5959, 0.4075, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 37.5959, 0.4075, 0.3461.



This preview shows how white text looks on a background with the Yxy color 37.5959, 0.4075, 0.3461.

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

37.5959, 0.4075, 0.3461

Protanopia

37.8320, 0.3429, 0.3632

Deuteranopia

37.7454, 0.3747, 0.3681



Tritanopia

37.6660, 0.3867, 0.3161

Trichromacy



Original Color

37.5959, 0.4075, 0.3461

Protanomaly

37.3651, 0.3651, 0.3562

Deuteranomaly

37.4464, 0.3862, 0.3590

Tritanomaly

37.5514, 0.3942, 0.3268

Monochromacy



Original Color

37.5959, 0.4075, 0.3461

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.6942, 0.3451, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5959, 0.4075, 0.3461 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(221, 146, 132)` looks like.

```
.text, #text, p{  
    color:rgb(221, 146, 132)  
}
```

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(221, 146, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 146, 132) }
```

Border

The CSS property to change the border of an element to Yxy 37.5959, 0.4075, 0.3461 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(221, 146, 132) }
```

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

```
.border{ border-color:rgb(221, 146, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 146, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 146, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 146, 132);  
box-shadow:4px 4px 4px 4px rgb(221, 146,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5959, 0.4075, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 146, 132) }
```

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

```
.background{ background-color: rgb(221,  
146, 132) }
```

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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