

Converting Colors

$Yxy(37.4183, 0.4011, 0.3395)$

Have a look what the booklet for
Yxy(37.4183, 0.4011, 0.3395)
contains.

Yxy(37.5796, 0.4011, 0.3402)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.5796, 0.4011, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	DC9289
RGB	220, 146, 137
RGB Percent	86%, 57%, 54%
CMY	0.1373, 0.4274, 0.4628
CMYK	0.00, 0.34, 0.38, 0.14
HSL	7°, 54%, 70%
HSV	7°, 38%, 86%
XYZ	44.3068, 37.5796, 28.5768
YIQ	167.1000, 46.9930, 12.8890

Conversions

Conversions Part 2

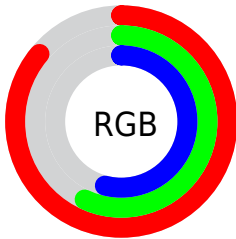
Format	Color
R_{YB}	220, 147, 137
Decimal	14455433
CIE _{Lab}	67.71, 26.87, 16.28
CIE _{LCh}	68, 31.415, 31.206
Yxy	37.5796, 0.4011, 0.3402
Android (android.graphics.Color)	4292645513 (0xFFDC9289)
YUV	167.1000, -14.8393, 46.3933
Hunter-Lab	61.3022, 21.7339, 15.2727

Details

The Yxy color **37.5796, 0.4011, 0.3402** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.0530, 0.2587, 0.3173**, and the grayscale version is **38.7519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2863, 0.3646, 0.3395**, and **16.6591, 0.4295, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **31.4776, 0.4372, 0.3430**, and if you desaturate by 10%, it is **44.8505, 0.3709, 0.3371**.

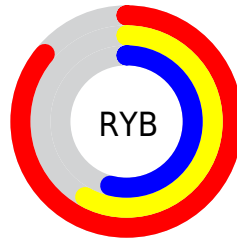
Distribution



Red (86%)

Green (57%)

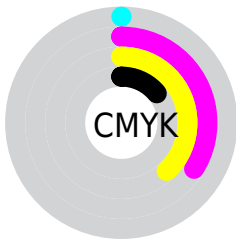
Blue (54%)



Red (86%)

Yellow (58%)

Blue (54%)

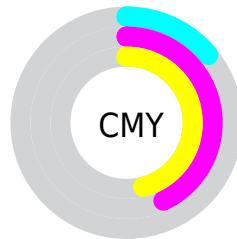


Cyan (0%)

Magenta (34%)

Yellow (38%)

Black (14%)



Cyan (14%)


Magenta (43%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.5796, 0.4011, 0.3402 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 37.5796, 0.4011, 0.3402 by changing the saturation by 10% instead.


 37.5796, 0.4011,
0.3402


 37.5796, 0.4011,
0.3402


335.8131, 0.3549,
0.3359

 25.6566, 0.4132,
0.3408


 71.4633, 0.3838,
0.3390

 16.5669, 0.4291,
0.3412


 94.1928, 0.3775,
0.3384

 9.9262, 0.4508,
0.3412


 121.2932, 0.3722,
0.3379

 5.3500, 0.4818,
0.3398

153.1489, 0.3677,
0.3374

 2.4541, 0.5293,
0.3347

190.1444, 0.3638,
0.3370

 0.8535, 0.6570,
0.3430

232.6640, 0.3604,

 0.0000, 1.0000,

0.3366

0.0000

281.0921, 0.3575,
0.3362


 0.0000, 0.0000,
0.0000


 37.5796, 0.4011,
0.3402


 37.5796, 0.4011,
0.3402


 31.4776, 0.4372,
0.3430


 44.8505, 0.3709,
0.3371


 26.4783, 0.4786,
0.3451


 53.3411, 0.3460,
0.3341

 22.5172, 0.5234,
0.3459

 63.1060, 0.3257,
0.3311

 19.5209, 0.5672,
0.3448

 74.1946, 0.3093,
0.3284

 17.4062, 0.6039,
0.3417

 86.6540, 0.2959,
0.3259

■ 16.0741, 0.6281,
0.3369

■ 93.9547, 0.2917,
0.3289

■ 15.8653, 0.6323,
0.3362

Harmonies

Analogous

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



37.5796, 0.3706, 0.3035



37.5796, 0.4011, 0.3402



37.5796, 0.4054, 0.3770

Triad

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



37.5796, 0.4011, 0.3402



37.5796, 0.2961, 0.3952



37.5796, 0.2437, 0.2550

Complementary

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



37.5796, 0.4011, 0.3402



57.0530, 0.2587, 0.3173

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.



37.5796, 0.2275, 0.2722



37.5796, 0.4011, 0.3402



37.5796, 0.2558, 0.3537

Square

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



37.5796, 0.4011, 0.3402



37.5796, 0.3428, 0.4142



37.5796, 0.2316, 0.3073



37.5796, 0.2780, 0.2563

Rectangle

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



37.5796, 0.4011, 0.3402



37.5796, 0.3931, 0.3975



37.5796, 0.2316, 0.3073



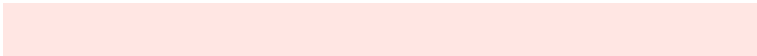
37.5796, 0.2361, 0.2586

Sweetspot

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



37.5814, 0.4011, 0.3402



83.3980, 0.3321, 0.3321



37.8379, 0.3248, 0.2443



17.4463, 0.3348, 0.3325



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.



37.5814, 0.4011, 0.3402



45.8567, 0.4281, 0.3424



52.4709, 0.3826, 0.3879



13.2784, 0.3289, 0.3316



9.3912, 0.6307, 0.3374



0.6869, 0.6083, 0.3552

Inverse Universe

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



57.0530, 0.2587, 0.3173



76.6283, 0.2496, 0.3145



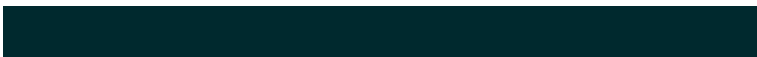
39.3023, 0.2505, 0.2616



14.5749, 0.2982, 0.3264



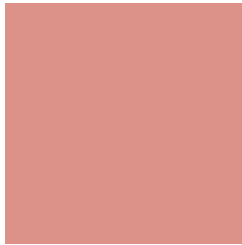
26.3203, 0.2152, 0.2946



1.7758, 0.2169, 0.3007

Previews

White Background



This preview shows how the Yxy color 37.5796, 0.4011, 0.3402 looks on a white background.

Color Contrast Check

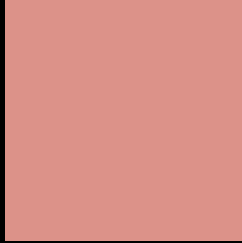
Large Text (above 18pt) WCAG AA × Fail

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 37.5796, 0.4011, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

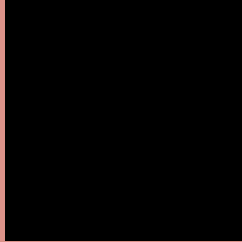
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5796, 0.4011, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 37.5796, 0.4011, 0.3402.



This preview shows how white text looks on a background with the Yxy color 37.5796, 0.4011, 0.3402.

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

37.5796, 0.4011, 0.3402

Protanopia

37.8698, 0.3373, 0.3561

Deuteranopia

37.7520, 0.3687, 0.3615



Tritanopia

37.5076, 0.3857, 0.3160

Trichromacy



Original Color

37.5796, 0.4011, 0.3402

Protanomaly

37.3840, 0.3591, 0.3494

Deuteranomaly

37.4453, 0.3800, 0.3526

Tritanomaly

37.4568, 0.3909, 0.3244

Monochromacy



Original Color

37.5796, 0.4011, 0.3402

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.6357, 0.3421, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5796, 0.4011, 0.3402 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(220, 146, 137)` looks like.

```
.text, #text, p{  
    color:rgb(220, 146, 137)  
}
```

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(220, 146, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 146, 137) }
```

Border

The CSS property to change the border of an element to Yxy 37.5796, 0.4011, 0.3402 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(220, 146, 137) }
```

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

```
.border{ border-color:rgb(220, 146, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 146, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 146, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 146, 137);  
box-shadow:4px 4px 4px 4px rgb(220, 146,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5796, 0.4011, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 146, 137) }
```

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

```
.background{ background-color: rgb(220,  
146, 137) }
```

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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